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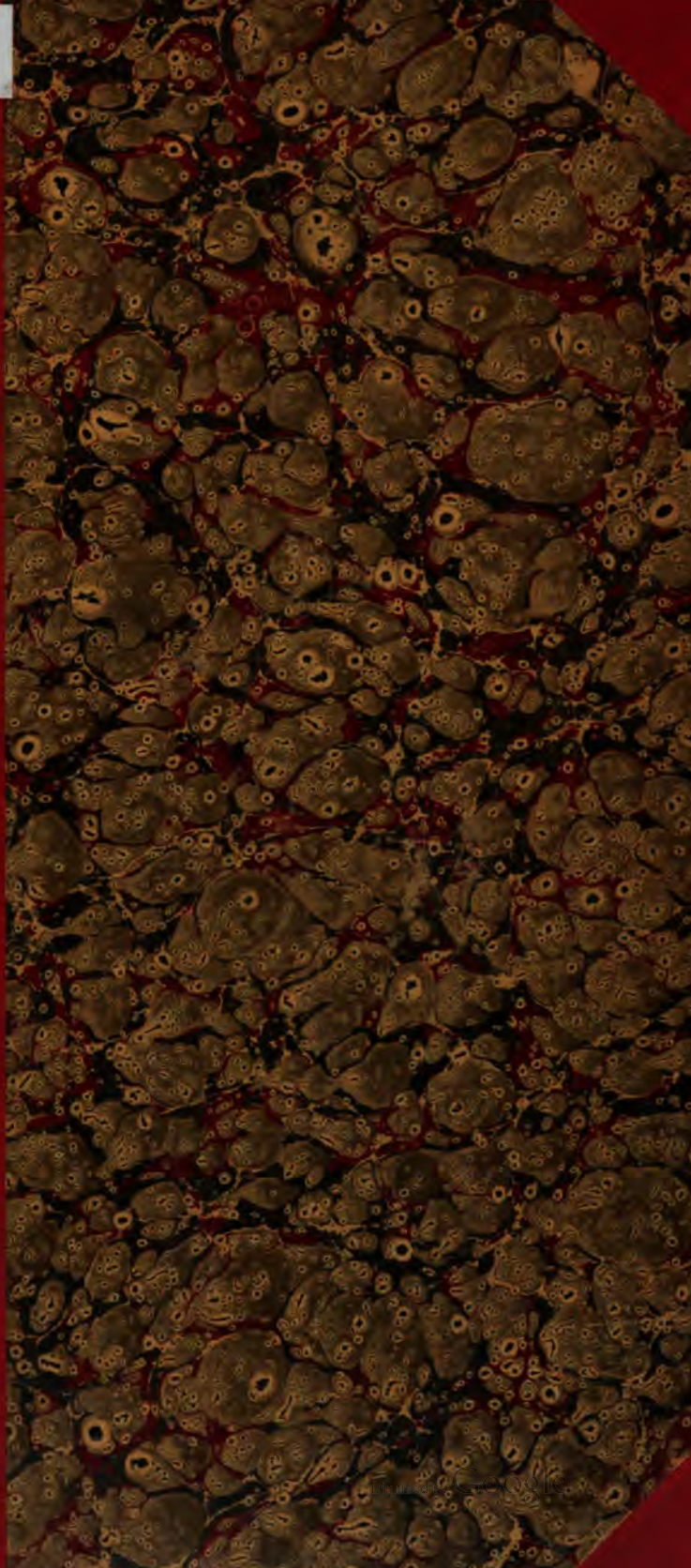
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TREASURY DEPARTMENT

Public Health and Marine-Hospital Service of the United States

WALTER WYMAN, Surgeon-General

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HYGIENIC LABORATORY.—BULLETIN No. 37

M. J. ROSENAU, Director

June, 1908

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INDEX-CATALOGUE OF  
MEDICAL AND VETERINARY ZOOLOGY

SUBJECTS:  
TREMATODA AND TREMATODE DISEASES

BY

CH. WARDELL STILES

AND

ALBERT HASSALL



WASHINGTON  
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1908

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*United States Public Health and Marine-Hospital Service.*

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# INDEX-CATALOGUE OF MEDICAL AND VETERINARY ZOOLOGY.

SUBJECTS: TREMATODA AND TREMATODE DISEASES.

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By CH. WARDELL STILES, Ph. D.,

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## INTRODUCTION.

The Index-Catalogue of Medical and Veterinary Zoology represents the combined card-catalogues of the Zoological Division of the United States Bureau of Animal Industry and of the Zoological Division, Hygienic Laboratory, United States Public Health and Marine-Hospital Service. These catalogues are arranged in three sections: Authors, Subjects, and Hosts.

**OBJECT OF INDEX CATALOGUE.**—The object in publishing the catalogue is to place it in permanent form. There have been four fires in the two laboratory buildings, but fortunately none of these gained headway. Were either building to be destroyed, and any part of the catalogue to be lost, the inconvenience such loss would entail in the regular work would be very extensive. By having the catalogue in printed form, it is made more accessible, and accidents are guarded against. By placing it at the disposal of other workers it is hoped to render their work less arduous, and especially it is desired to reduce the confusion in nomenclature.

**SUGGESTIONS FOR USING THE INDEX.**—It should be recalled that this is an index, not a treatise. Persons who consult it should therefore not expect to find in it the reasons for any given entry. Nor



does the entry of the synonymy in any given case mean that this synonymy is necessarily correct; it is simply quoting published synonymy. The same statement refers to the hosts cited.

In looking up the literature of any given species, the reader should consult the cross reference (pp. 10 to 83) for the various genera under which the species has been published, and the synonyms given in the general entries; by looking up these references in the general catalogue (pp. 84 to 383), all or practically all the references to the species are obtained.

**SUGGESTIONS IN PUBLISHING NEW NAMES.**—In indexing literature, one is impressed with the differences in arrangement of the material as published by different authors. Some writers arrange the systematic portions of their papers in such a manner that it is an easy matter to obtain the important data. Other authors are less careful in this respect, and their material is arranged, in some cases, in a style which almost defies indexing.

As a very convenient style we would suggest the following diagrams:

**Genus FASCIOLA Linnæus, 1758.**

1758: *Fasciola* Linn., 1758a, 644, 648-649 (*hepatica* [give here either the type species or all of the species in the order given by the author]). [Give origin of name, if desired.]

[Give here the synonymy in same style as foregoing entry.]

**GENERIC DIAGNOSIS.**—*Fasciolidæ*, *Fasciolinæ* [It is always very useful to give the name of the family and subfamily]: [Here give the generic diagnosis.]

**TYPE SPECIES.**—[If type has not been designated, state why the species in question is now selected; as by first species rule, tautonomy, elimination, etc.]

**Species FASCIOLA HEPATICA Linnæus, 1758.**

1758: *Fasciola hepatica* Linn., 1758a, 648-649 [add here type host and type locality].

[Add synonymy here, in same style as foregoing entry.]

**SPECIFIC DIAGNOSIS.**—*Fasciola* (p. —) [give page where generic diagnosis is printed]: [Add here specific diagnosis.]

**HABITAT.**—[Give hosts and geographic distribution here.]

**TYPE SPECIMEN.**—[Give museum number of type specimen.]

A list of hosts, together with the parasites found in them, is an exceedingly useful adjunct to any paper dealing with parasites. Several authors have published such lists, but most authors fail to do so. If the plan of giving a compendium of hosts with every paper were more generally adopted, the papers would be very much more valuable. In indexing the hosts, especially in papers by certain authors, we have met with considerable difficulty, for it is often necessary to read carefully an entire article in order to avoid overlooking the hosts. And even then it is, unfortunately, not exceptional that the reader can not be certain that he is indexing correctly.

## ABBREVIATIONS.

As a general rule we do not favor the use of abbreviations. In a work of this kind, however, in which certain names are repeated from 50 to 2,000 times, the use of abbreviations becomes necessary, in order to reduce both the bulk and the expense.

**GENERIC NAMES.**—The general rule is here followed of abbreviating all generic names ending in *-stoma* or *-stomum* to *-st*, as *Amphist.* for *Amphistoma* and *Amphistomum*, *Dist.* for *Distoma* and *Distomum*, etc.

All names ending in *-cercaria* are abbreviated to *-cerc.*, as *Cerc.* for *Cercaria*, *Eucerc.* for *Eucercaria*, etc.

All other abbreviations can, we believe, be understood without explanation—*Fasc.* for *Fasciola*, *Plan.* for *Planaria*, etc.

**AUTHORS' NAMES.**—The following abbreviations refer to authors' names:

Abildg. for Abildgaard.	Leuck. for Leuckart.
Ben. for Beneden.	Levin. for Levinsen.
Bettend. for Bettendorf.	Linn. for Linnæus.
E. Bl. for E. Blanchard.	Linst. for Linstow.
R. Bl. for R. Blanchard.	Lint. for Linton.
Blainv. for Blainville.	Lœnnb. for Lœnnberg.
Brand. for Brandes.	Mol. for Molin.
Burm. for Burmeister.	Mont. for Monticelli.
Cerf. for Cerfontaine.	Moul. for Moulinié.
Crep. for Creplin.	Mueh. for Muehning.
Cuv. for Cuvier.	Nord. for Nordmann.
Dav. for Davaine.	Odhner. for Odhner.
Dies. for Diesing.	Olss. for Olsson.
Duj. for Dujardin.	Pag. for Pagenstecher.
Erc. for Ercolani.	Par. for Parona.
Fil. for Filippi.	Per. for Perugia.
Fischder. for Fischœder.	Perr. for Perroncito.
Fraip. for Fraipont.	Poir. for Poirier.
Gamb. for Gamble.	St.-Remy for Saint-Remy.
Gerv. for Gervais.	Sieb. for Siebold.
Goldb. for Goldberg.	Sons. for Sonsino.
Hass. for Hassall.	Staff. for Stafford.
Jægers. for Jægerskiöld.	Stoss. for Stossich.
Kath. for Kathariner.	Rail. for Railliet.
Kholodk. for Kholodkowski.	Rud. for Rudolphi.
Kowal. for Kowalewski.	Tasch. for Taschenberg.
Kuech. for Kuechenmeister.	Will.-Suhm for Willemoes-Suhm.

**OTHER ABBREVIATIONS.**—All literature references are taken from the Author's Catalogue of this Index (Bull. 39, U. S. Bureau of Animal Industry). The following common abbreviations are also used:

f. for family.	tld. for type by later designation.
g. for genus.	tod. for type by original designation.
m. for monotypical.	subf. for subfamily.
t. h. for type host.	subg. for subgenus.
t. l. for type locality.	

## ALPHABETICAL LIST OF SPECIFIC AND SUBSPECIFIC NAMES IN TREMATODA.

The following is a complete list of all the specific and subspecific names of *Trematoda*, so far as contained in our card catalogue at date of going to press, together with the generic names with which they have been used. The references are the earliest reference we have found for the names in question, together with the type host and type locality, so far as we have as yet traced these.

It has been found necessary to include in this list some species which are not *Trematoda*. (See addenda, p. 385.)

- abbreviata* Olss., 1876, 12, t. h. *Acanthias vulgaris*.—1876: *Onchocotyle*. 1899: *Squalonchocotyle*.
- abbreviatum* Brand., 1888a, 55, t. h. *Crocodilus*; Brazil.—1888: *Diplost.*
- abdominalis* Goëze, 1782a, 41, *F. intestinalis* Linn., 1758a, renamed, includes also *Ligula piscium*.—1782: Fasc. [*Ligula*, cestode.]
- aberrans* Goto, 1894a, 198, t. h. *Belone schismatorhynchus*; Hagi, Japan.—1894: *Axine*.
- aberrans* Looss, 1902m, 630, t. h. *Chelone mydas*; Egyptian coast.—1902: *Microscaphidium*.
- absconditus* Looss, 1901e, 631, t. h. *Bagrus bayad*, *B. docmac*.—1901: *Acanthochasmus*.
- acalepharum* Costa (1864), 90, larva in *Acalephen*.—1864: *Macrurochæta* (type) [1894: *Cerc. setifera*.]
- acanthocephalum* Stoss., 1887, 94, t. h. *Belone acus*; Triest.—1887: *Dist.* 1898: *Echinost.* 1899: *Tergestia* (probably type)
- acanthoides* Rud., 1819a, 114, t. h. *Phoca vitulina*; Berlin.—1819: *Dist.* (*Echinost.*). 1860: *Echinost.*
- acanthurum* Par. & Per., 1896, 2, t. h. *Brama rayi*; Genova.—1896: *Microcotyle*.
- acanthus* Nicoll, 1906, 514, t. h. *Larus argentatus*.—1906: *Zeugorchis*, type. 1907: *Parorchis*, type.
- acaræum* Looss, 1902m, 415, t. h. *Thalassochelys corticata*; Egyptian coast.—1902: *Enodiotrema*.
- acceptum* Looss, 1901b, 203, t. h. *Crenilabrus pavo*, *C. griseus*, bladder; Triest.—1901: *Phyllodist.*
- acerca* Biehringer, 1884a, 3, t. h. *Onchidium carpenteri* Stearns.—1884: *Cerc.*
- acerinæ cernuæ* Claparède (1857), t. h. *Acerina cernua*.—1857: *Tetracotyle*.
- acervo-calcephorum* Erc., 1881e, 21, for *acervocalciferum* (*Dist.*).
- acervocalciferum* Gastaldi, 1854, 6, t. h. *Rana esculenta*.—1854: *Dist.*
- acervocalcoforum* Linst., 1875, 193, for *acervocalciferum* (*Dist.*).
- acervocalcophorum* Erc., 1881e, 20, for *acervocalciferum* (*Dist.*).
- acetabularis* Braun, 1900, 388, for *acetabulatus* (*Pycnopus*).
- acetabulatus* Looss, 1899b, 611, t. h. *Vesperugo kuhli*; apparently Egypt, January.—1899: *Pycnopus*.
- æquans* Sons., 1891, 263, for *æquans* (*Diplectanum*).
- acreatum* Stoss., 1892, 18, for *ocreatum* (*Monost.*).
- actæonis* Pag., 1862, 306, t. h. *Acteon viridis*; Cete.—1862: *Dist.*
- aculeata* Erc., 1881, see Par., 1894, 163, t. h. *Lymnæa auricularis*; Bologna.—*Cerc.*

- aculeatum* Nitzsch, in Giebel, 1857, 266, t. h. *Strix bubo*.—1857: Dist.
- aculeatum* Linst., 1879b, 338, t. h. *Testudo græca*; loc. not given.—1879: Monost. [1890: Dist. linstowii.] 1901: Telorchis.
- aculeatum* Par. & Per., 1889, 745, t. h. *Corvina nigra*; Genova.—1889: Diplectanum.
- aculeatum* Couch, —: Trist. [1898: T. molæ.]
- aculeatus* Odhn., 1905, 297, t. h. *Conger vulgaris*; Mediterranean, Belgium, Sweden.—1905: Prosorhynchus.
- aculeatus* Dies., 1858, 275, t. h. *Planorbis marginatus*.—1858: Bucephalus (*Bucephalopsis*).
- acuta* Goto, 1894a, 217, t. h. *Thynnus sibi*; Hagi, Osatsubé, Japan, August.—1894: Hexacotyle.
- acutum* Leuck., 1842, 33, t. h. *Mustela putorius*.—1842: Dist.
- adherens* Braun, 1901, 942, t. h. *Mycothera* sp.; Brazil.—1901: Glaphyrost. (type).
- adherens* Looss, 1901, 624 (= vallei 1899, type of *Lophotaspis*), t. h. *Thalassochelys corticata*; Egypt.—1901: Lophotaspis (type).
- adolphi* Stoss., 1902, 19, t. h. *Grus cinerea*, *Ardea cinerea*; Siberia.—1902: Cyclocelum. [*adriaticum* v. Dr. (Dist. [tunicate].)]
- aduncum* Lint., 1905, 327, t. h. *Opsanus tau*; Beaufort, N. C.—1905: Dist.
- advena* Duj., 1843, 338, t. h. *Sorex*; Europe.—1843: *Brachylaima* (type). [1845: Dist. (*Brachylaimus*, type).] [1847: *Brachylemus*.] 1892: Dist. [*Brachylaimus* (type).]
- æglefini* Mueller, 1776, 224, t. h. *Gadus æglefinus*, int.—1776: Fasc. 1803: Dist. [1850: Dist. simplex.] [1904: *Sinistroporus* (type).]
- æglefini* Ben., 1870, 57 [see also *æglefini* Mueller, 1776].—1870: Dist.
- ægrefini* Bosc., 1802a, v. 1, for *æglefini* 1776 (Fasc.).
- ægyptiaca* Odhn., 1905, 370, Monost. verrucosum of Looss, renamed.—1905: Notocotyle.
- ægyptiacum* Cobbold, 1876t, 757, t. h. *Equus*; Egypt.—1876: Diplost. 1876: Hemist. 1893: *Gastrodiscus*.
- ægyptiacum* Looss, 1896b, 33, t. h. buffles, bœufs, moutons; Egypt.—1896: Dist. 1896: Dist. hepaticum. 1898: Fasc. hepatica. 1899: Fasc. [1902: *F. gigantea*.]
- ægyptiaca* Cobbold, 1866, 6, heterophyes 1852, renamed.—1866: Heterophyes (type).
- ægyptiacus* Looss, 1898a, 459, apparently lapsus for gregarius.—1898: *Gastrothylax*.
- æquale* Duj., 1845a, 410, t. h. *Strix flammea*; Rennes.—1845: Dist. (*Brachylaimus*). 1892: *Mesogonimus*. [1899: Clinost. ("possibly").]
- æqualis* Looss, 1902, 888, t. h. dogs and cats; Egypt.—1902: Heterophyes.
- æquans* Wagener, 1857, 99, t. h. *Labrax lupus*.—1857: *Dactylogyrus*. 1858: Diplectanum (probably type).
- æquans* Looss, 1899b, 652, t. h. *Gerbillus ægyptius*; Egypt.—1899: Heterolope. 1900: Harmost.
- æquatus* Staff., 1905, 691, t. h. *Eutenia sirtalis*; Canada.—1905: Zeugorchis (type).
- affine* Dies., 1850a, 410, based on Schmitz, 1826, 15, figs. 1-13, t. h. *Bombinator igneus*; Berlin.—1850: Hexathyridium.
- affine* Dies., 1850a, 359 [not Rud., 1819a], Monost. tenuicollis Rud., 1819a, renamed, t. h. *Lampris guttatus*; Groningæ.—1850: Dist.
- affine* Leidy, 1858a, 110, t. h. *Fiber zibethicus*; U. S. A.—1858: Monost.
- affine* Rud., 1819a, 110, t. h. *Perca cirrosa*; Arimini.—1819: Dist. 1845: Dist. (*Apoblema*). 1901: *Derogenes*.
- affine* Lint., 1898, 511, t. h. *Paralichthys dentatus*; Woods Hole.—1898: Octoplectanum. 1901: *Diclidophora*.
- affinis* Eichwald, 1829a, 247, t. h. *Lymnæus stagnalis*.—1829: Cerc.
- affixus* Looss, 1899b, 587, t. h. *Corvus cornix*, *Falco tinnunculus*, *Circus æruginosus*, *Recurvirostra avocetta*; Egypt.—1899: Pygorchis (type).
- africanum* Stiles, 1901, 594, bursicola Looss, 1899 [not Crep., 1837], renamed.—1901: Echinos.
- africanum* Stoss. in Galli-Valerio, 1906, 49, t. h. a fish; French Congo.—1906: Clinost.
- agamos* Linst., 1872, 1, t. h. *Gammarus pulex* L.—1872: Dist.
- agassizi* Goto, 1899a, 286, t. h. *Remora brachyptera*; Newport, R. I.—1899: *Dionchus* (type).



- agassizii* Mont., 1905, 69, for *agassizi* (Dionchus).
- agilis* Fil., 1857c, 4, t. h. *Lymnæus stagnalis*; Turin.—1857: Cerc. 1858: C. (*Gymnocephala*).
- agilis* Leidy, 1858a, 110, free in Delaware River.—1859: Cerc.
- alacre* Looss, 1901, 401, t. h. *Labrus maculatus*, *L. merula*, *Crenilabrus pavo*, *C. quinquemaculatus*, *C. griseus*.—1901: Dist.
- alata* Göze, 1782a, 176, t. h. *Canis vulpes*; Germany.—1782: Plan. [1788: *Alaria vulpis*, type]. 1790: *Festuc.* 1793: *Fasc.* 1800: Dist. 1819: *Holost.* 1850: *Hemist.* (type). 1889: *Emist.* 1894: *Diplost.* (*Hemist.*). 1896: *Conchosomum* (type).
- alata* Hemp. & Ehrenb., 1828a, in water; Berlin.—1828: *Histrionella*. 1856: Cerc.
- alatus* Linst., 1878, 227, t. h. *Blicca bjerkna*; Europe.—1878: *Dactylogyrus*.
- alba* Erc., 1881c, 12, for Cerc. *brunnea* var. *Dies.*—1881: Cerc.
- alba* Cerf., 1899a, 377, t. h. *Raja alba*.—1899: *Rajonchocotyle*.
- albicolle* Rud., 1819a, 98, t. h. *Falco pennatus*; Mus. Vien.—1819: Dist. 1845: D. (*Dicrocoelium*). 1901: *Dicrocoelium*.
- albidum* Braun, 1893, 347, t. h. *Felis catus domestica*; Königsberg i. Pr.—1893: Dist. (*Dicrocoelium*). 1896: *Opisthorchis*. 1899: *Metorchis* (type).
- albidum* Brand., in Ofenheim, 1900, 145, t. h. *Aëtobatis narinari*; Pacific.—1900: *Anaporrhutum* (type).
- albobaculeum* Stoss., 1889, 28, t. h. *Sargus salviani*; Triest.—1889: Dist.
- album* Kuhl & van Hasselt, 1822a; 1824a, 311 t. h. *Chelonia midas*; Iles des Cocos tiers.—1822: *Monost.* 1899: *Cricocephalus* (type).
- album* Stoss., 1890, 42, t. h. *Cantharus orbicularis*; Triest.—1890: Dist. [1899: ? *Creadium*.] 1904: *Lepocreadium* (type). 1901: *Allocreadium*.
- alcedinis* Par. & Per., 1890, 7, t. h. *Smaris alcedo*; Genova.—1890: *Microcotyle*.
- allostomum* Dies., 1850a, 367, Dist. *colubri murorum* 1811 and 1819 renamed, t. h. *Tropidonotus natrix*; M. C. V.—1850: Dist.
- alosz* Hermann, 1782, 180, t. h. *Clupea alosa*.—1782: *Mazocraes* (type).
- alosz* Hermann, 1783a, 46, t. h. *Maifisch im Rhein*, *Clupea alosa*.—1783: *Fasc.* [1850: Dist. *appendiculatum*.]
- alosz* Leuck. (1828) [see *lanceolatum*].—*Octobothrium*. [1845: *O. lanceolatum*.]
- alosz* Mont., 1888, 13.—1888: *Ophycotyle*.
- alosz* Kuhn 1829, 358, t. h. *Clupea alosa*.—1829: *Octost.* (type). [1852: *Octobothrium lanceolatum*.]
- alosz* Mayer, 1841a, see *lanceolatus alosz*.
- alosz* Ben. & Hesse, 1863; 1864, 102, t. h. *Alosa vulgaris*.—1864: *Glossocotyle* (type). 1890: *Octobothrium* (*Glossocotyle*).
- aloyxia* Stoss., 1885, 161, t. h. *Corvina nigra*; Triest.—1885: Dist. 1886: D. (*Brachylaimus*). [1899: *Anoiktost.*, type.]
- alpina* Dana.—1891: Plan.
- altomon* Ben., 1870, 48, see *atomon* (Dist.).
- aluconis intestinale* Rud., 1819a, 119, t. h. *Strix aluco*.—1819: Dist. [1892: sub *Echinost. apiculatum*.]
- aluconis thoracicum* Rud., 1819a, 119 (Plan. *pusilla* Braun, 1790, pro parte renamed); t. h. *Strix aluco*.—1819: Dist.
- alveatum* Mehlis, in Crep., 1846, 142, t. h. *Anas, Cygnus*, see p. 323.—1845: *Monost.* 1892: *Notocotyle*.
- alveatum* Mehlis of Mueh., 1898, renamed *alveiforme* Cohn, 1904.
- alveiforme* Cohn, 1904, 230, *alveatum* Mehlis of Mueh., 1898, renamed.—1904: *Monost.*
- americana* Hass., 1891c, 359, t. h. *Bos taurus*; U. S. A.; *carcosa* Hass., 1891, renamed.—1891: *Fasc.* 1892: Dist. [*Fasc. magna*.]
- americanus* Staff., 1902, 719, t. h. *Rana virescens*; Ashbridge's Bay, Toronto.—1905: *Cephalogonimus*.
- americanum* Osborn, 1903, 252, t. h. *Amblystoma punctatum*; Minnesota.—1903: *Phyllodist.*
- amiuri* Staff., 1904, 402, t. h. *Amiurus nebulosus*; Canada.—1904: *Monost.*
- amphibothrium* Wagener, 1857, 57, t. h. *Acerina cernua*.—1857: *Dactylogyrus*.

- amphielucus* Looss, 1899b, 565, for *amphileucus* (Metorchis).  
*amphileucum* Looss, 1896b, 55, t. h. *Naja haje*; Alexandria, Egypt.—1896: Dist. 1898: Opisthorchis. 1899: Metorchis.  
*amphiorchis* Braun, 1899b, 719, t. h. *Thalassochelys corticata* at Trieste, *Chelone mydas* and *Podocnemis expansa*.—1899: Dist. 1899: *Anadasmus* (type). [1901: *Orchidasma* (type).] 1901: *Orchidasma* (type).  
*amphistoma* Nord., 1840, 616, probably lapsus (D[istoma]).  
*amphistomi subclavati* Ben., 1858a, 82, in *Cyclas cornea*, etc.—1858: Cerc. [1859: *Diplodiscus subclavatus*.]  
*amphistomoides* Bojanus, 1817b, 270, t. h. *Castor fiber*.—1817: Dist. 1817: *Dystoma*. [1850: *Amphist. subtriquetrum*.] [1902: *Cladorchis* (*Stichorchis*) *subtriquetrus*.]  
*amplicava* Looss, 1899b, 606, *D. cygnoides* var. *A.* of Bensley, 1897, renamed.—1899: *Gorgodera*.  
*ampllaceum* Buttel-Reepen, 1900, 586, in Cetacean; Indian Ocean.—1900: Dist.  
*anarrichæ* Jacoby, 1900, 13, for *anarrichæ*.—1900: Dist.  
*anarrichæ* Rud., 1819a, 121; *anarrichæ lupi* Rathke, pars (from intestine) renamed.—1819: Dist. [1819: ? *D. appendiculatum*.]  
*an[arrichæ] lup[i]* Rathke, 1799, 70, t. h. *Anarrichas lupus*.—1799: Dist. [1809: *D. incisum*.]  
*anastrophus* Fischder., 1901, 375, t. h. *Cervus dichotomus*; Brazil.—1901: *Balanorchis* (type).  
*anatinus* Markow, 1902, 1903a, 287, t. h. *Anas boschas* dom.—[1902: *Prosthogonimus*.] 1902: *Prosthogonimus*.  
*anatis* Schrank, 1788, xvi, 164, t. h. ducks.—1788: *Festucaria* [type]. 1790: *Fasc.* 1800: Dist. [1815: *Monostomeus*, type.] [1850: Dist. *echinatum*.] [1892: *Echinost. echinatum*.] [1901: ? *Echinost. echinatum*.]  
*anatis* Rud., 1819a, 793, for *anatis querquedula* (*Amphist.*).  
*anatis domesticæ* Rud., 1809a, 431 (*Hirudo fasciolaris* Mueller, 1788, *Fasc. anatis* Bruguière, 1791, renamed).—1809: Dist. [1850: Dist. *ovatum*.]  
*anatis fusæ* Viborg, 1795, 243, t. h. *Anas fusca*; Copenhagen.—1795: Dist.  
*anatis nigræ* Dies., 1858e, 322, t. h. *Anas nigra*.—1858: Holost.  
*anatis querquedula* Rud., 1819a, 92, t. h. *Anas querquedula*; Cat. Ent. Vien.—1819: *Amphist.*  
*anatis tadornæ* Viborg, 1795, 196, t. h. *Anas tadorna*.—1795: *Strigea*. 1809: *Amphist.* [1814: *A. isostomum*.] [1845: Holost. *erraticum*.]  
*anceolatum* Braun, 1892a, 677, misprint for *lanceolatum* (Dist.).  
*anceps* Mol., 1859, 845, t. h. *Fulica atra*; Padua.—1859: Dist. 1892: *Echinost.*  
*anceps* Looss, 1899b, 629, t. h. *Machetes pugnax*; Marg, April.—1899: *Prymnoprion*. 1901: *Prosthogonimus*. [1902: *Pros. cuneatus*.]  
*anchoratus* Duj., 1845a, 480, t. h. “la carpe,” Europe.—1845: *Gyrodactylus*. 1857: *Dactylogyrus*. [1879: *D. auriculatus*.]  
*ancyli lacustris* Dies., 1855a, 400, based on Baer, 1827b, 656, t. h. *Ancylus lacustris*.—1855: Dist. 1855: *Cercarizæum*.  
*andersoni* Cobbold, 1876, 46, t. h. *Platanista gangetica*.—1876: Dist. 1892: *D.* (*Brachylaimus*).  
*annelidicola* Mont., 1888, 88, for *annelidicola* (*Cyclatella*).  
*anguillæ* Gmelin, 1790a, 3056, t. h. *Anguilla*; refers to Leeuwenhoek, 316, fig. 6.—1790: *Fasc.* 1803: Dist. [1819: ? *D. polymorphum*.]  
*anguillulæ* Dies., 1850a, 340, lapsus for *anguillæ* Abildg. and Zed.—1850: Dist.  
*anguis* Linst., 1885, 250, t. h. *Aguis fragilis*.—1885: Dist. 1895: *Agamodist.*  
*angulata* Mueller, 1774, 58, “in fundo arenoso oceani.”—1774: *Fasc.* 1776: *Planaria*. —: *Amphiporus*.  
*angulatum* Duj., 1845a, 401 (not *Fasc. angulata* Mueller, 1776), t. h. *Anguilla*; Morbihan.—1845: Dist. (*Podocotyle* [type]). 1901: *Podocotyle*, type. [1905: see *Podocotyle atomon*.]  
*angusta* Rail., 1895, 338, see *hepatica angusta*.—1895: *Fasc. hepatica*. 1899: *Fasc.* [*F. gigantea*.]  
[*angusta* Muenster, 1842, 98.—*Hirudinella*. *Hirudella*. Leach.]

- angusticollis* Hausmann, 1896a, 391, t. h. *Cottus gobio*; Basel, Switzerland.—1896: Dist. 1899: *Creadium*. 1901: *Allocreadium*.
- angustum* Staff., 1900, 407, t. h. *Chrysemys picta*.—1900: Dist. 1905: *Telorchis*.
- angustum* Schlotthauber, 1860, 129, t. h. *Scolopax gallinago*.—1860: *Monost*.
- aniarum* Leidy, 1891a, 414, t. h. *Tropidonotus sipedon*.—1891: Dist.
- annelidicola* Ben. & Hesse, 1863, 1864a, 82, t. h. ? *Clymene*.—1863: *Cyclatella* (type). [1869: *Loxosoma*.]
- annulatum* Dies., 1850a, 386, t. h. *Gymnotus electricus*; Brazil.—1850: Dist. 1860: *Echinost*. 1892: *Dist*. (*Echinost*).
- annulicauda* Bory, 1825b, 253.—1825: *Histriionella*.
- annuligerum* Nord., 1832, 53, t. h. *Flussbarsch*, *Perca fluviatilis*.—1832: Dist. 1886: *D*. (*Brachylaimus*).
- anodonta* Osborn, 1898, 416, t. h. *Unio luteolus*, *Anodonta*; New York.—1898: *Platyaspis*. [1899: *Cotylaspis insignis*.]
- anonymum* Dies., 1858e, 341, based on Bellingham, 1844, 428, t. h. *Gadus aeglefinus*, *G. euxinus*, *Merlangus carbonarius*, *M. vulgaris*; Ireland.—1858: Dist.
- anseris* Gmelin, 1790a, 3055; *Fasc. verrucosa* Frœlich, 1789, renamed; t. h. *Anser domesticus*, *rectum*; Europe.—1790: *Fasc*. [1850: *Notocotyle seriale*.] [1861: *Monost. verrucosum*.] [1905: *Catantropis verrucosa*, type.]
- anthos* Braun, 1899b, 720, t. h. *Chelonix*; Yedo.—1899: Dist. 1901: *Calycodes* (type).
- anticum* Staff., 1905, Apr. 11, 693, t. h. *Vespertilio subtilis* Say; Canada.—1905: *Lecithodendrium*.
- apertum* Rud., 1819a, 108, t. h. *Apogon ruber* s. *Mullus imberbis*; Naples.—1819: Dist. 1845: *D*. (*Apoblema*).
- apiculata* Rud., 1803, 31; *D. stridulæ* Reich, 1801, renamed.—1803: *Fasc*. 1809: Dist. (*Echinost*). 1860: *Echinost*.
- apiculatum* Ols., 1869, 4, t. h. *Acanthias vulgaris*; Skagerrack.—1869: *Microbothrium* (type). 1890: *Pseudocotyle*.
- apodis* Packard, 1882, 142, in egg-sacks of *Apus*.—1882: Dist.
- apolaimum* Heymann, 1905, 91, t. h. *Kachuga tectum* (Gray) small int.—1905: Dist.
- appendiculata* Rud., 1802, 78, t. h. *Clupea alosa*, *stomach*; Europe.—1802: *Fasc*. 1808: Dist. [1809: *Hemiurus* (type).] 1845: Dist. (*Apoblema* [type]). 1847: *Apoblema*. 1896: *Hemiurus* (type).
- appendiculata* Frœlich, 1802, 56 (not Rud., 1802) t. h. *Anas boschas*; Europe; see *papillatum* Rud., 1814a, 105, renamed *oxycephalum* Rud., 1819a, 98, 375.—1802: *Fasc*. [1814: Dist. *oxycephalum*.] [1850: Dist. *oxycephalum*.]
- appendiculata* Leidy, 1877, 202, t. h. *Helix arborea*.—1877: Dist. [1891: *D. centræpendiculatum*.]
- appendiculata* Kuhn, (1829c), 460, t. h. *Squalus catulus*.—1829: *Polyst*. 1840: *Hexabothrium* (type). 1850: *Onchocotyle* (type). 1879: *Hexathyridium*. 1890: *Octocotyle*. 1899: *Acanthonchocotyle* (type).
- apri* Gmelin, 1790a, 3054, see *hepatica apri*.—1790: *Fasc. hepatica*.
- aquilæ* Leidy, 1887, 24, t. h. *Haliaëtus leucocephalus*.—1887: Dist.
- arcanum* Nickerson, 1900, Oct., 811, in frogs.—1900: Dist. 1902: *Pleurogenes*. 1905: *Loxogenes* (type).
- arcticus* Odhn., 1905, 339, t. h. *Phoca barbata*; Spitzbergen.—1905: *Orthosplanchnus* (type).
- arcuata* Steenstrup, see Par., 1894, 164, t. h. *Lymnæa obscura*, *L. stagnalis*; Bologna.—Cerc.
- arcuata* Sons., 1890, 112, t. h. *Lichia amia*; Pisa.—1890: *Octocotyle*. 1890: *Octobothrium*. [1890: *Octocotyle striata*.]
- arcuatum* Brand., 1892b, 507, t. h. in aquatic birds [probably *Anas clangula*; Berlin].—1892: *Monost*. [1892: *Cyclocœlum*.] 1902: *Cyclocœlum*.
- arcuatum* Duj., 1845a, 410, t. h. *Corvus glandarius*; Rennes.—1845: Dist. (*Brachylaimus*).
- arcuatum* Lint., 1900, 277, t. h. *Sarda sarda*; Woods Hole.—1900: *Gasterost*.
- ardeæ* Gmelin, 1790a, 3055, t. h. *Ardea stellaris*, int.; Europe; *Planaria teres pars* Gœze, 1782a, renamed.—1790: *Fasc*. 1803: Dist. —: *Planaria*. [1850: Dist. *ferox*.]

- ardeæ minutæ* Pontallié, 1853.—Dist. (Cladocalium).
- ardeæ nigræ* Viborg (1795), see Rud., 1809a, index.—1795: Dist. [1809: D. hians.]
- ardeæ stellaris* Rud., 1809a, 432; Fasc. ardeæ Gmelin, 1790, renamed.—1809: Dist. [1850: D. ferrox.]
- arenula* Crep., 1825a, 53, t. h. *Fulica atra*.—1825: Dist.
- areolatum* Rud., 1809a, 50, Fasc. plateææ Mueller, 1788, renamed; t. h. *Pleuronectes plateæa*.—1809: Dist. 1836: D. (Echinost.).
- aristotelis* Stoss., 1892, 14, D. *chilostomum* Mehlis of Ben., 1873b, t. h. *Rhinolophus hippocrepis*, *Vespertilio murinus*, V. *desyncneme*, V. *daubentonii*, V. *emarginatus*, V. *mystacinus*, *Nannugo pipistrellus*.—1892: Dist. 1892: D. (Brachylaimus).
- armata* Sieb., 1837, 187, based on Wagner, 1834, 131.—1837: Cerc. 1855: Cerc. (Xiphidiocerc.). 1858: C. (Acanthocephala). [1858: Dist. endolobum.]
- armata* Rud., 1793a, 26; Fasc. putorii Gmelin, 1790a, renamed.—1793: Fasc. 1803: Dist. [1850: Dist. trigonocephalum.] [?1892: Echinost. echinatum.]
- armata minor* Ben., 1858, 98, t. h. *Lymnæus stagnalis*; Belgium.—1858: Cerc. [1859: Dist. retusum.]
- armatissimum* Linst., 1903, 280, t. h. *Iguana* sp.—1903: Dist.
- armatum* MacCallum, 1895, 401, see *isoporum armatum*.—1895: Dist. *isoporum*. [See also *Creadium*.]
- armatum* Mayer, 1841, 4, *Echinorhynchus* renamed.—1841: Monost.
- armatum* Leuck., 1835, 88, t. h. *Acipenser rostratus*.—1835: *Diclibothrium* (type). 1835: *Diclybothrium*. 1842: *Diplobothrium* (type). 1845: Polyst. (Hexacotyle).
- armatum* Molin, 1858, 130 (not Rud. 1793), t. h. *Phasianus gallus*; Patavii.—1858: Dist. [1896: Echinost. echinatum.]
- armatum* Mol., 1859, 291, t. h. *Conger conger*; Batavii.—1859: *Gasterost*.
- armatum* Fuhrmann, 1904, 61, t. h. *Rostrhamus sociabilis*.—1904: Echinost.
- armatum paludinæ impuræ* Fil., 1857c, pl. 2, figs. 14–15.—1857: Dist.
- arrectum* Duj., 1845a, 403, t. h. “lézard vert;” Rennes.—1845: Dist. (Brachycœlium). 1895: D. (Dicrocœlium).
- arrectum* Duj., of Mol., 1859, 831, misdetermined.—1859: Dist. [1899: *Telorchis*.] 1904: *Telorchis*.
- ascidia* Rud., 1819a, 108, t. h. *Sparus boops* and *S. pagrus*; Arimini and Naples.—1819: Dist. 1903: D. (Brachylaimus).
- ascidia* Ben., 1873, 328, not Rud., 1819a; see *lagena* Brand., 1888, not Rud., 1819a.—1873: Dist. 1892: D. (Dicrocœlium). [1896: *Lecithodendrium*.] 1899: *Lecithodendrium* (type).
- ascidiæ* Dies., 1858e, 373, t. h. *Mentula marina*.—1858: *Aspidogaster*.
- ascidioides* Ben., 1873, 332, t. h. *Vesperugo noctula*.—1873: Dist. 1892: D. (Brachylaimus). 1899: *Lecithodendrium*. 1902: D. (*Lecithodendrium*). [1905: *Lec. chilostomum* Mehlis.]
- ascoidea* Leidy, 1877, 201, t. h. *Planorbis parvus*.—1877: Dist. (*Gymnocephala*).
- asper* Looss, 1899b, 601, separated from *variegatus*.—1899: *Hæmatolœchus*. 1905: *Pneumonœces*.
- asperum* Dies., 1838a, 189, t. h. *Tapirus americanus*; 1839, 236, Matogrosso and Cachoeira do Bananeira, South America.—1838: Amphist. 1901: *Cladorchis*.
- asperum* Nitzsch, in Crep., 1849a, 71, t. h. *Anas fuligula*.—1849: Monost.
- asperum* Vaillant, 1863, 347, t. h. *Siren lacertina*.—1863: Monost. 1892: *Monostomulum*.
- asperum* Wright, 1879, 57, t. h. *Ardea minor*.—1879: Dist. 1892: Echinost. 1903: *Pegosomum*.
- asperus* Stoss., 1904, 1, t. h. *Plecotus auritus*; Grisignana, Istria.—1904: *Plagiorchis*.
- aspidophori* Ben., 1870, 34, t. h. *Aspidophorus europæus*.—1870: Dist.
- assula* Duj., 1845a, 398, t. h. *Coluber natrix*; Toulouse.—1845: Dist. (Dicrocœlium).
- asymphyloporum* Stoss., 1901, 96, t. h. *Trutta trutta*; Lake Plitvica, Croazia.—1901: *Allocreadium*.
- atomata* Bosc, 1802a, v. 1, 260.—1802: *Planaria*.
- atomon* Rud., 1802, 70, t. h. *Pleuronectes flesus*, stomach; Greifswald, Europe.—1802: Fasc. 1809: Dist. 1886: D. (Dicrocœlium). 1901: *Allocreadium*. 1905: *Podocotyle* (type).



- atriventre* Weinland, 1856, 24, t. h. *Physa heterostropha*.—1856: Dist.
- attenuata* Staff., 1902, 418, t. h. *Rana catesbiana*, *R. virescens*; Canada.—1902: Gorgoderina. 1905: Gorgoderina.
- attenuatum* Rud., 1809a, 328, t. h. *Scolopax gallinago*; Greifswald.—1809: Monost. (Monost.). [Notocotyle verrucosum.]
- attenuatum* Rud., 1814a, 103, Fasc. *longicollis* Abildg., renamed; later renamed Dist. naja Rud., 1819a, 377.—1814: Dist.
- attenuatum* Duj., 1845a, 392 [nec Rud.], t. h. *Turdus merula*; Rennes.—1845: Dist. (Dicrocoelium). 1900: Dicrocoelium. [1850: *D. macrourum*.]
- attenuatum* Bremser, MS., in Braun, 1901f, 563, t. h. *Rhynchops nigra*; Brazil.—1901: Dist. [1901: *Microlistrum spinetum*.]
- attenuatum* Dies., 1836d, 238, t. h. *Salmo paccu*; Caiçara, Brazil.—1836: Amphist.
- attenuatum* Linst., 1906, 11, t. h. *Buteo vulgaris*.—1906: Hemist.
- augusticaudum* Staff., 1904, 488, t. h. *Lota maculosa*, *Stizostedion vitreum*; Canada.—1904: Mimodist. (type).
- augustus* Staff., 1905, Apr. 11, 690, for *angustum* 1900.—1905: Telorchis.
- aurantiaca* Haswell, 1900, 431, t. h. *Astacopsis* sp.—1900: Temnocephala.
- auricularis* Wedl, 1857, for *auriculatus* (*Gyrodactylus*).
- auriculata* Bosc, 1802a, v. 1, 261.—1802: Planaria.
- auriculatum* Wedl, 1857, 242, t. h. *Acipenser ruthenus*.—1857: Dist. 1886: *D.* (Crossodera). 1903: Bunodera.
- auriculatum* Wedl of Lint., 1898, 521.—1898: Dist. [1904: *Acrodactyla petalosa* (type of A.).]
- auriculatus* Nord., 1832, 108, t. h. *Cyprinus brama*.—1832: *Gyrodactylus*. 1850: *Dactylogyrus* (type).
- auriflavum* Mol., 1859, 287, t. h. *Ardea nycticorax*; Batavii.—1859: Diplost.
- auritum* Duj., 1845a, 370, t. h. *Strix flammea*; Rennes.—1845: Holost. 1850: Hemist.
- auris* Tasch., 1879, 613, t. h. *Auxis rochei*; Naples.—1879: Didymozoon.
- axenos* Mont., 1898; or 1899, 83, t. h. unknown; Brazil.—1899: Temnocephala.
- baccigerum* Rud., 1819a, 108, t. h. *Atherina hepsetus*; Naples.—1819: Dist.
- bacillare* Mol., 1859, 834, t. h. *Centrolophus pompilius*; Batavii.—1859: Dist. 1886: *D.* (Dicrocoelium). [1899: *Creadiinae*, ? *Creadium*.]
- baculifer* Braun., 1900, 28, t. h. *Didelphys palmata*; Brazil.—1900: Rhopalias.
- baculum* Lint., 1905, 327, t. h. *Scomberomorus maculatus*; Beaufort, N. C.—1905: Gasterost.
- baculus* Dies., 1850a, 391, *D. mergi* 1819 renamed, t. h. *Mergus albellus*.—1850: Dist. 1860: Echinost.
- badia* Rathke, 1799, 147.—1799: Plan.
- baelzi* Cobbold, 1884g, 976, *D. pulmonale* Baelz renamed, t. h. *Homo*.—1884: Dist. [Paragonimus, type].
- bagri incapsulatum* Wedl, 1861, 479, t. h. *Bagrus* sp.—1861: Dist.
- baraldii* Sons., 1892, 91, t. h. *Zamenis viridiflavus* Lacep.—1892: Dist. 1895: *D.* (Brachylaimus).
- barbata* Linn., 1761, 505, t. h. *Loligo*; Sweden.—1761: Fasc. [1779: *Echinorhynchus*.] 1809: Dist. [1809: *Tetrabothriorhynchus migratorius*, cestode.] [1819: *Tetrarhynchus megabothrius*.] 1853: *Tetrabothriorhynchus*. [1905: *Tetrarhynchus*.]
- barbatum* Cohn, 1902k, 47, t. h. *Coryphaena*.—1902: *Lecithocladium*. 1907: *Dinurus*.
- baryurum* Staff., 1903, 822, t. h. *Necturus maculatus* Raf.; Canada.—1903: Monocæcum (type).
- bathycotyle* Fischder., 1901, 368, t. h. *Bos kerabau*; Ceylon.—1901: Paramphist.
- batis* Cerf., 1899a, 376, t. h. *Raja batis*.—1899: *Rajonchocotyle* (type).
- batryophoron* Ben., 1870, 51, for *botryophoron* (Dist.).
- beleocephalum* Linst., 1873, 104, t. h. *Ardea cinerea*.—1873: Dist. 1892: Echinost. [bellii, reptile (*Bucephalus*).]
- bellinghamii* Cobbold, 1860a, 45, *falconum* Dies., renamed, t. h. *Falco nisus*, *F. rufus*.—1860: Holost.
- bellones* Otto, 1823, 300, t. h. *Bellone acus*; Naples.—1823: *Cyclocotyla* (type). 1837: *Cyclocotyle* (type). 1840: *Octobothrium*.

- belones* Nord., 1840, 600, for *bellones* Otto (Octobothrium).  
*belones* Crep., 1839, 291, for *bellones* Otto (Cyclocotyla).  
*belones* Braun, 1893, 871, t. h. *Belones vulgaris*; based on Wedl, 1855, 382–383.—1893: Dist.  
*belones* Abildg., 1794d, 59, t. h. *Belone acus*.—1794: *Axine* (type).  
*belones vulgaris* Dies., 1855, 64, t. h. *Belone vulgaris*; Trieste; based on Wedl, 1855, 382–383.—1855: Dist.  
*benedeni* St.-Remy, 1898, 566, for van *benedeni*.—1898: *Dactylogyrus*.  
*benedeni* Stoss., 1898, 51, for *benedenii*.—1898: Dist. 1902: *Haploporus* (type).  
*benedeni* Mont., 1893, see *benedenii*.—1904: *Nematobothrium* (*Didymozoon*).  
*benedeni* St.-Remy, 1898, 566, for van *benedenii* (*Tetraonchus*).  
*benedenii* Stoss., 1887, 95, t. h. *Mugil chelo*.—1887: Dist. 1902: *Haploporus* (type).  
*benedenii* Mont., 1893, 137, t. h. *Orthagoriscus*.—1893: *Didymozoon*.  
*bergense* Ols., 1868, 43, t. h. *Anguilla vulgaris*.—1868: Dist. 1886: *D.* (*Brachylaimus*) [1905: *Lecithaster gibbosus*.]  
*bergi* Par., 1900, 193, t. h. *Raja planata*; Montevideo.—1900: Fasc.  
*beroës* Will, 1844, 343, t. h. *Beroës rufescens*; Trieste.—1844: Dist. [1850: *D. papillosum*.]  
*betencourti* Mont., 1892b, 127; 1893, 33, t. h. *Scyllium*; Boulogne.—1893: Dist. 1899: *Pleurogenes*.  
*bicornis* Bosc., 1802a, v. 1, 257.—1802: Plan.  
*bicoronatum* Stoss., 1883, 113, t. h. *Ciconia nigra*.—1883: Dist. 1886: *D.* (*Echinost.*). 1901: *Stephanochasmus*. 1902: *Echinost.*  
*bifasciata* Haswell, see Mont., 1889, 2.—1889: *Temnocephala*.  
*bifurcatum* Wedl, 1861, 477, t. h. *Crocodilus vulgaris*; Egypt.—1861: Dist. 1888: *Diplost.*  
*bifurcum* Braun, 1899, 631, t. h. *Flusschildkröten*.—1899: Dist. 1901: *Telorchis*.  
*bijugum* Braun, 1901g, 896, t. h. *Himantopus melanopterus*; Brazil.—1901: *Stomylostrema*.  
*bijugum* Miescher, (1838a), pp. 28, 1 pl., t. h. *Fringillidæ*.—1838: *Monost.* [1840: *Monost. faba*.]  
[*bilamellatæ*, see sub Fasc.]  
*bilharzii* Herff, 1894, 415, for *haematobium*.—1894: Dist. [*Schistosoma*.]  
*bilineata* Haldeman, 1840a, 3, t. h. *Linnea catascopium*; Camden on Delaware.—1840: Cerc. 1850: *Histrionella*.  
*bilosum* Leidy, 1858, 111, in a fish; America.—1858: Dist.  
*bilis* Braun, 1790, 61, t. h. *Falco melanaëstus*; Germany.—1790: Plan. 1790: Fasc. 1803: Dist. [1809: Dist. *crassiusculum*.] 1898: *Campula*.  
*billis* Bosc, 1802a, v. 1, 269, for *bilis* 1790 (*Fasciola*).  
*bilobum* Rud., 1819a, 114, t. h. *Tantalus falcinellus*; Mus. Vien.—1819: Dist. (*Echinost.*) 1860: *Echinost.*  
*bilobus* Looss, 1901, 569, t. h. *Chelone mydas*; Egypt.—1901: *Pleurogonius*.  
*binodis* Mueller, 1776, 224, in intest. of fish.—1776: Fasc. 1803: Dist.  
*biparasiticum* Goto, 1894a, 251, t. h. *Parapetalus*, *Thynnus albacora*; Japan.—1894: Trist.  
*bipartita* Sons., 1897, 253, t. h. *Limnæa palustris*; Pisa.—1897: Cerc.  
*bipartitum* Wedl, 1855, 378, t. h. *Thynnus vulgaris*.—1855: *Monost.* 1860: *Wedlia* (type). [1878: *Didymozoon* (type).] 1893: Dist. 1902: *Didymost.* (type).  
*biró* Mont., 1905, 21, t. h. *Sesarma gracilipes* A. Edw.; Sattelberg, New Guinea.—1905: *Craniocephala* (type).  
*blainvillei* Cobbold, 1860a, 39, *M. delphini* Blainv., renamed.—1860: *Monost.*  
*blanchardi* Stoss., 1898, 61, t. h. *Labrax lupus*; Trieste.—1898: *Gasterost.*  
*blanchardi* Tasch., 1878, 564, for *blanchardii* (Trist.).  
*blanchardi* Haswell, 1893f, 153, corrigendum, t. h. *Engæus fossor*; Grippsland, Victoria, Australia.—[1893: *Actinodactylus*.] 1893: *Actinodactylella*.  
*blanchardii* Cobbold, 1860a, 8, *Brachylemus erinacei* Bl., 1847, renamed, t. h. *Erinaceus europæus*; Paris.—1860: Dist. [1892: *D. lingæforme*.]

- blanchardii* Dies., 1850a, 430, *T. squali* E. Bl., 1847, renamed, t. h. *Squalus* sp.; New Zealand.—1850: Trist.
- blennii* Mueller, 1776, 224, t. h. *Blennius viviparus*.—1776: Fasc. 1803: Dist. [1809: *D. divergens*.]
- bliccæ* Linst., 1877, 185, t. h. *Blicca bjoerkna*.—1877: Dist.
- bolodes* Braun, 1902b, 11, t. h. *Fulica atra*; Rossitten.—1902: Dist.
- bombynx* Zed., 1800a, xvi, t. h. *Rana bombyna*, lungs; Europe.—1800: Monost. [1894: Dist. *variegatum*.]
- bomfordi* Montgomery, 1906, 143, t. h. *Bos indicus*; India.—1906: *Schistosoma*.
- bonnier* Mont., 1893, 40, t. h. *Trigla gurnardus*; Wimereux.—1893: Dist. 1899: Liopyge (type). [1902: *Liocerca* (type).]
- borealis* Sons., 1890, 177, misprint for *borealis* (*Onchocotyle*).
- borealis* Olss., 1893, 7, t. h. *Thymallus vulgaris*, *Coregonus lavaretus*; Scandinavia.—1893: *Dactylodiscus* (type). 1905: *Tetraonchus*.
- borealis* Ben., 1853l, 59, t. h. *Scimnus glacialis*.—1853: *Onchocotyle*. 1857: Polyst. 1899: *Squalonchocotyle* (type).
- boschadis* Schrank, 1790, 122.—1790: *Festuc*.
- boschadis* Schrank, 1803, 209, t. h. *Anas boschas sylvestris*, A. b. dom.—1803: Fasc.
- bosci* Cobbold, 1859d, 364, includes Fasc. *colubri* Bosc, Dist. *colubri americani* Rud., t. h. *Coluber* sp.—1859: Dist. 1895: *D. (Dicrocoelium)*. [1905: *Zeugorchis*.]
- boscii* Cobbold, 1879, 455, for *bosci*.—1879: Dist. 1895: *D. (Dicrocoelium)*.
- bothriophoron* Braun, 1892f, 49, t. h. *Bos indicus*; Madagascar.—1892: *Amphist*. 1901: *Parmaphist*.
- bothriophorum* Stiles, 1898a, 24, for *bothriophoron* (*Amphist*.).
- bothryophoron* Braun, 1892a, 700, for *botryophoron* (*Dist*.).
- bothryophorus* Olss., of Looss, 1899b, 728, renamed *confusus* 1905.—1899: *Hemiurus*. 1901: *Lecithaster* (type).
- botryophoron* Olss., 1868, 42, t. h. *Cyclopterus*.—1868: Dist. 1886: *D. (Brachylaimus)*. 1905: *Lecithophyllum* (type).
- botryophorum* Odhn., 1905, 359, for *botryophoron* Olss., 1868.—1905: *Lecithophyllum* (type).
- botryophorus* Odhn., 1905, 357, for *bothryophorus* of Looss, 1899 (*Hemiurus*).—1905: *Lecithaster*. [*L. confusus*.]
- boum* Gmelin, 1790a, 354.—1790: Fasc. *hepatica*.
- bovis* Sons., 1876, 84, t. h. *Bos taurus*; Egypt.—1876: *Bilharzia*. 1893: *Gynæcophorus*. 1895: *Schistosoma*.
- brachycotia* Luehe, 1901d, 51, t. h. *Box salpa*; Genua.—1901: *Mesometra*.
- brachycælium* Cohn, 1903, 39, host not given.—1903: *Amphist*.
- brachydelphium* Heymann, 1905, 81, t. h. *Dermatemys mavii*.—1905: *Patagium* (type).
- brachysoma* Villot, 1878, 27, t. h. *Anthurus gracilis* Leach.—1878: *Cerc*. [1888: Dist *brachysoma*.]
- brachysomum* Crep., 1837a, 314, t. h. *Hæmatopus ostralegus*.—1837: Dist. 1892: *D. (Brachycælium)*. 1899: *Levinsonia* (type). 1901: *Levinsoniella* (type).
- brachyura* Fil., 1837a, 337, t. h. *Planorbis submarginatus*; Pavia. See next entry.—1837: *Cerc*.
- brachyura* Dies., 1850a, 296, Dist. *polymorphum* Fil., 1837a, 337, renamed; t. h. *Planorbis submarginatus*; Ticini.—1850: *Cerc*. 1855: *Cerc. (Eucerc)*. 1858: *C. (Acanthocephala)*.
- brachyura* Lespès, 1857b, 117, t. h. *Trochus cynereus*.—1857: *Cerc*. [1858: *C. (Acanthocephala) pachycerca*.]
- brachyurum* Linst., 1905, 418, 422, misprint for *baryurum* (*Monocæcum*).
- bramæ* Mueller, 1776, 224, t. h. *Cyprinus brama*.—1776: Fasc. 1803: Dist. [1809: Dist. *globiporum*.] [*Sphaerost*.]
- bramæ* Par. & Perugia, 1896, 1, t. h. *Brama rayi*; Genova.—1896: *Octobothrium*. 1898: *Octocotyle*.
- branchialis* Vallot, 1840.—1840: *Astacobdella* (type).
- branchialis* Darr, 1902, 644, t. h. mackerel; German East Africa.—1902: *Bathycotyle* (type).

- braunii* Cobbold, 1860a, 43, *M. murænulæ* renamed, t. h. *Coregonus murænula*.—1860: Monost.
- brasilianum* Stoss., 1902b, 15, t. h. *Scolopax flaviceps*; Brazil.—1902: *Cyclocelum*.
- brevicaudata* Piana, 1882, teste Parona, 1894, 161, t. h. *Helix carthusiana*; Reggio Em.—1882: Cerc.
- brevicaudatum* Nord., 1832a, 52, t. h. *Barbus communis*; Berlin.—1832: Holost. 1850: Diplost.
- brevicolle* Crep., 1829, 54, t. h. *Hæmatopus ostralegus*; Greifswald.—1829: Dist. 1892: D. (*Dicrocelium*). 1902: Psilost.
- brevicornis* Mont., 1889, 1, t. h. *Hydromedusa maximiliani*, *Hydraspis radiolata*; Brazil.—1889: *Temnocephala*.
- breviplexus* Staff., 1902, 901, t. h. *Rana catesbiana*, *R. virescens*; Canada.—1902: *Hæmatolæchus*. 1905: *Pneumonoëces*.
- brunnea* Mueller, 1774, 54.—1774: Fasc. 1776: *Planaria*.
- brunnea* Dies., 1850a, 296, Cerc. III Baer, renamed; t. h. *Limnæus stagnalis*; Regiomontii.—1850: Cerc. 1855: C. (*Eucerc.*). 1858: C. (*Gymnocephala*). [1858: Dist. *echinata*.]
- brunnea* var. Dies., see Erc., 1881e, 12.—[1881: Cerc. *alba*.]
- brusinae* Stoss., 1889, 25, t. h. *Oblata melanura*; Triest.—1889: Dist. 1899: *Pleurogenes*. [1904: *Diptherostomum* (type).]
- brusinae* Looss, 1901, 399, for *brusinae* 1889.—1901: Dist. 1903: D. (*Brachycæcum*). [1904: *Diptherost.* (type).]
- buccatus* Nicoll, 1907, 72, t. h. *Hippoglossus vulgaris*; Scotland.—1907: *Stephanochasmus*.
- buccini* Fil., 1855b, 23.—1855: Dist.
- buccini mutabilis* Fil., 1855b, 17, t. h. *Buccinum mutabilis*; Gulf of Genoa.—1855: Dist. 1855: Cerc. 1858: C. (*Acanthocephala*).
- bucephalus* Erc., 1881e, 40, t. h. *Unio pictorum*.—1881: Cerc.
- buchholzii* Braun, 1889a, 320, lapsus for "*Fasc. hepatica*, *ovata plana*, *Buchholzii*," see lanceatum.—1889: Fasc.
- bufonis* Linst., 1877, 185, t. h. *Bufo vulgaris*.—1877: Dist.
- bulbosum* Brand., 1888a, 67, t. h. *Geronticus albicollis*, *Nauclerus furcatus*; Mus. Vien.—1888: Holost.
- bumpusii* Lint., 1900a, 267, t. h. *Dasyatis centrura*; Woods Hole, Mass.—1900: *Epibdella*. 1903: *Phylline*.
- bursæ fabricius* Podwyssozki, 1890, 157, t. h. *Gallus domesticus*.—1890: Dist.
- bursarium* Nitzsch, in Giebel, 1857, 265, t. h. *Falco peregrinus*.—1857: Holost.
- bursicola* Crep., 1837, 310, t. h. *Ardea cinerea*.—1837: Dist. [*Echinost. cloacinum*.]
- bursicola* Odhn., 1900, 14, t. h. *Somateria mollissima*; Sweden.—1900: *Gymnophallus*.
- bursicola* Looss, 1899b, 694, t. h. *Milvus parasiticus*, *Falco tinnunculus*; Africa. See also *africanum* 1901.—1899: *Echinost.*
- bursigerum* Brand., 1888, 65, t. h. *Larus ridibundus*; Mus. Vien.—1888: Holost.
- buski* Bl., 1888a, 622, for *buskii* q. v.—1888: Dist. 1888: *Dicrocelium*. 1893: D. (*Dicrocelium*). 1895: Dist. 1895: *Opisthorchis*. 1902: *Fasciolopsis*.
- buskii* Lankester, 1857, 437, t. h. *Homo*; Asia.—1857: Dist. 1858: *Dicrocelium*. 1895: *Opisthorchis*. 1901: *Fasciolopsis* [type].
- buteonæ* Gmelin, 1790a, 3054, t. h. *Falco buteo*; Europe.—1790: Fasc. [1782: *Plan.*]. 1803: Dist.
- cacozelus* Nicoll, 1907, 72, t. h. *Pleuronectes limanda*, *Hippoglossus vulgaris*.—1907: *Drogenes*.
- caduceus* Odhn., 1902, 26, t. h. *Krokodil*; Sudan.—1902: *Oistosomum* (type).
- caducus* Looss, 1901e, 603, t. h. *Gadus minutus*, *Lophius piscatorius*; apparently Triest.—1901: *Stephanochasmus*.
- cæca* Haswell, 1900b, 432, t. h. *Phreatoicopsis* n. sp.; Victoria.—1900: *Temnocephala*. [*cæruleum* Sluiter, 1898, 4, a tunicate (Dist.).]
- cahirinum* Looss, 1896, 119, t. h. *Bagrus bayad*; Cairo, Egypt.—1896: Dist. 1899: *Haplorchis*.
- calceolus* Mol., 1858, 129, t. h. *Conger conger*; Patavii.—1858: Dist. 1886: D. (*Dicrocelium*).

- calceostoma* Wagener, 1857, 99, t. h. *Sciæna aquila*.—1857: *Dactylogyrus*. [1858: *Calceost. elegans*, type.] 1907: *Calceost.* type.
- calicophorum* Fischder., 1901, 370, t. h. *Bos taurus*; East Africa, Capland, Queensland, China.—1901: *Paramphist.*
- calidris* Rud., 1819a, 120, t. h. *Scolopax calidris*.—1819: *Dist.* [1850: *Monost. mutabile*.] [1886: *D. brachysomum*.]
- caligarum* Tasch., 1878, 564, for *caligorum* (*Udonella*).
- caligi* Kroyer, ———. ———: *Phylline*. 1858: *Udonella*. [1858: *Udonella caligarum*.]
- caligi* Ben., 1858a, 189, for *caligorum*.
- caligorum* Johnston, 1835, 497, t. h. *Caligus on Hippoglossus vulgaris*.—1835: *Udonella* (type).
- callionymi* Ben., 1870, 53, t. h. *Callionymus dracunculus*.—1870: *Dist.*
- calyptrocotyle* Mont., 1891, 110, t. h. *Beroë ovata*.—1891: *Dist.* 1893: *D.* (*Accaceliolum*.) [1900: *Accaceliolum*.] 1902: *Orophocotyle*.
- campanulatum* Rivolta, 1884, 27, for *campanulatum* (*Dist.*).
- campanula* Duj., 1845a, 435, t. h. *Esox lucius*; Rennes.—1845: *Dist.* (*Crossodera*.) [1850: *D. nodulosum*.] 1860: *Crossodera*. [1858: *Gasterost. fimbriatum*.] 1886: *D.* (*Echinost.*).
- campanula* Linst., 1886a, 125, for *campula* Cobbold.—1886: *Dist.* [1892: *D. oblongum*.]
- campanulatum* Erc., 1874, 432, t. h. *Canis familiaris*.—1874: *Dist.*
- campula* Cobbold, 1876, 40, *oblonga* (*Campula*) renamed.—1876: *Dist.* 1899: *Metorchis*. 1899: *Opisthorchis*.
- canaliculatum* Rud., 1819a, 676, t. h. *Sterna* sp., *galericulata* teste Dies.; Brazil.—1819: *Dist.* 1902: *Bilharziella*.
- canaliculatum* Mehlis in Crep., 1846, 138, t. h. *Colymbus cristatus*.—1846: *Dist.*
- cancri locustæ* Rud., 1810a, 288.—1878: *Trematodum*.
- candida* Mueller (or Abildg.), 1806a, v. 4, 32.—1806: *Strigea*. [1850: *Holost. erraticum*.]
- candida* Mueller, 1774, 71, in littore Grœnlandiæ sub lapidibus.—1774: *Fasc.* 1776: *Planaria*. ———: *Tetrastemma*.
- canicula* Cerf., 1899a, 374, *Onchocotyle appendiculata* Kuhn of Stoss., 1877, renamed; t. h. *Scyllium canicula*.—1899: *Acanthonchocotyle*.
- canis* Cerf., 1899a, 375, t. h. *Galeus canis*; Roscoff.—1899: *Squalonchocotyle*. 1900: *Onchocotyle*.
- canthari* Ben. & Hesse, 1863, 113; 1864, 113, t. h. *Cantharus griseus*.—1863: *Microcotyle*.
- caouana* Koll. in Braun, 1901b, 23, t. h. *Thalassochelys caouana*, int.—1901: *Monost.* [1901: *Enodiotrema megachondrum*.]
- capensæ* Looss, 1902m, 855, “*Anaporrhutum ricchiardii* Lopez” of Ofenh., renamed.—1902: *Probolitrema*.
- capensæ* Harley, 1864a, 55, t. h. *Homo*; Cape of Good Hope.—1864: *Dist.* 1864: *Bilharzia*.
- capitata* Bosc, 1802a, v. 1, 261; Baltic Sea.—1802: *Planaria*.
- capitata* Mueller, 1774, 70.—1774: *Fasc.* 1776: *Planaria*.
- capitellatum* Rud., 1819a, 83, 343, t. h. *Sparus salpa*; Naples.—1819: *Monost.* (*Monost.*).
- capitellatum* Rud., 1819a, 99, t. h. *Uranoscopus scaber*; Arimini and Naples.—1819: *Dist.* 1900: *Anisocœlium* (type).
- capriciosa* Cuénot, 1892, in 1–23, t. h. *Synapta inhærens* teste Braun, 1893b, 183.—1893: *Cerc.*
- capsulare* Dies., 1858e, 355, based on Wedl. 1857, v. 26, 247, pl. 1, fig. 8, t. h. *Ardea purpurea*, *A. nycticorax*, *A. cinerea*, *Gallinula crex*, *Podiceps nigricollis*.—1858: *Dist.* 1892: *Agamodist.*
- capsularia* Sons., 1892, 7 Oct., 144, t. h. *Cleopatra bulimoides*; Cairo, Egypt.—1892: *Cerc.*
- capyristes* Klein, 1905, 60, t. h. *Rana hexadactyla*.—1905: *Pneumonœces*.
- carbonarii* Cerf., 1895h, 929.—1895: *Dactylocotyle*.
- carinaris* delle Chiaje, (1841a), 139.—1841: *Dist.*

- carinatum* Zed., 1803a, 217, cyprinaceum Zed., 1800, renamed.—1803: Dist. [1809: D. globiporum, pars D. inflexum.]
- carnea* Rathke, 1799, 83.—1799: Planaria.
- carnosa* Hass., 1891a, 208, in Bos taurus; U. S. A.—1891: Fasc. 1892: Dist. 1892: D. (Fasc.). [See americanum.]
- carnosum* Rud., 1819a, 93, t. h. Sparus dentex; Naples.—1819: Dist. 1886: D. (Brachylaimus).
- carolinæ* Stoss., 1889, 26, t. h. Alausa finta; Triest.—1889: Dist. [1891: Apoblema ocreatum.] 1899: Pronopyge. [1899: Pronopyge ocreata, type.]
- caryocatactis* Zed., 1800a, 163, t. h. Corvus caryocatactes; Europe.—1800: Dist. [1850: D. caudale.] [1902: Harmost. caudale.]
- caryophyllacea* Rud., 1810a, 353 for caryophyllina (Festucaria).
- caryophyllata* Bory de St. Vincent, 1823a, 354, in infusions de chènevis.—1823: Cerc.
- caryophyllina* Rud., 1802, 66, t. h. Gasterosteus aculeatus; Greifswald.—1802: Festuc. 1803: Monost. 1809: M. (Hypost.). 1828: Hypost. (probably type). 1845: Monost.
- caryophyllum* Dies., 1850a, 317, t. h. Falco pileatus; Rio Parana, Brazil.—1850: Eustemma (type). [1888: Holost. eustemma.]
- caryophyllum* Mont., 1892, 717, for caryophyllum (Monost.).
- catellina* Mueller, 1786, 130, in aqua fossarum, ubi Lemna.—1786: Cerc. 1815: Furcocerca. 1827: Dicanophorus.
- catellus* Mueller, 1773, 65, in aqua [etc., see p. 124.].—1773: Cerc. 1815: Furcocerca. 1827: Dicanophorus.
- catervarium* Looss, 1896, 118, t. h. Alosa finta; Cairo, Egypt.—1896: Dist.
- cattoi* R. Bl., in Catto, 1905, 70; 1905, 11, t. h. Homo; China.—1905: Schistosoma. [S. japonicum.]
- caudale* Rud., 1809a, 382, caryocatactis Zed., 1800, renamed, t. h. Corvus caryocatactes.—1809: Dist. 1901: Harmost.
- caudale* from Pyrrhocorax alpinus.—1809: Dist. [1902: Harmost. mesostomum.]
- caudale* of Mueller, 1897, 16, in Coracias garrula.—1897: Dist. [1902: Urogonimus macrostomus.]
- caudata* Goto, 1894, 186, t. h. Sebastes sp.; Japan.—1894: Microcotyle.
- caudata* Bosc, 1802a, 271, t. h. dorade.—1802: Fasc. [1809: Dist. coryphænæ.] [1819, 1850: D. tornatum.] 1859: Dist.
- caudata* Mueller, 1774, 70.—1774: Fasc. 1787: Planaria.
- caudatum* Polonio (1859), t. h. Natrix torquata, Tropidonotus viperinus; Padua.—1859: Dist. 1896: D. (Opisthorchis).
- caudatum* Linst., 1873, 103, t. h. Erinaceus europæus.—1873: Dist. 1892: D. (Brachylaimus.) 1899: Heterolope. [1899: D. leptostomum.]
- caudiporum* Rud., 1819a, 96, t. h. Zeus faber; Arimini.—1819: Dist. 1845: D. (Apoblema). 1901: Lecithochirium. 1907: Synaptobothrium.
- cavatica* Fries.—Planaria.
- caviæ* Bosc, 1811, 269.—1811: Tetragulus. 1829: Linguatula.
- caviæ* Sons., 1890, 100, t. h. Cavia cobaya.—1890: Dist. 1893: Fasc. hepatica.
- cellulosa* Looss, 1896b, 227, t. h. Melania tuberculata Bourg.; near Alexandria, Egypt.—1896: Cerc.
- centra appendiculatum* Leidy, 1904a, 277, misprint for centrappendiculatum (Dist.).
- centrappendiculatum* Leidy, 1891a, 416, appendiculatum Leidy, 1877, 202 [not Rud.] renamed.—1891: Dist.
- centrodes* Braun, 1901g, 941, t. h. Tinamus variegatus; Brazil.—1901: Harmost.
- cephala* Risso, 1826, 262, t. h. Tetraodon luna; Europe.—1826: Trist. [1898: T. molæ.]
- cephalo* Kroyer, 1852–53a, 745, for cephalo (Trist.).
- cercatum* Ben., 1858a, 179 [possibly lapsus for —? —].—1858: Monost.
- cercatum* Mont., 1893, 40, host and loc. unknown.—1893: Urogonimus. 1893: Dist.
- cercatus* Mont., 1893, 162, see cercatum (Urogonimus).
- cercopitheci* Cobbold, 1861e, 119, t. h. Cercopithecus fuliginosus.—1861: Cerc.
- cerebrale* Yamagiwa, 1890, 457, t. h. Homo; see westermanii.—1890: Dist. [Paragonimus westermanii.]

- cervi* Schrank, 1790, 123.—1790: Fasc. [1790: Festucaria.] 1893: Strigea. 1898: Amphist. 1901: Paramphist. (type).
- cervi* Zed., (1790), 65, t. h. Hirsch.—1790: Festucaria. See *cervi* Schrank.
- cervi* Gmelin, 1790a, 3054.—1790: Fasc. hepatica.
- cervi* Cobbold, 1861e, 119, t. h. *Cervus axis*.—1861: Cerc.
- cesti veneris* Vogt, —, 299, t. h. *Cestum veneris*.—Dist.
- ce ticillus* Mol., 1858, 131, t. h. *Lophius piscatorius*; Patavii.—1858: Dist. 1886: D. (Echinost.). 1893: Echinost. 1899: Anoiktost. 1899: Stephanost. (type). [1901: Stephanochasmus, type.]
- cestoides* E. Ben., 1870, 17, t. h. *Raja batis*.—1870: Dist.
- cylindraceum* Looss, 1894a, 37, misprint for cylindraceum (Dist.).
- charcis* Stoss., 1886, 26, t. h. *Charax puntazzo*; Triest.—1886: Dist. (*Brachylaimus*).
- chefrenianum* Looss, 1896, 73, t. h. *Rhinopoma microphyllum*; Ghizeh.—1896: Dist. 1899: *Lecithodendrium*.
- chefresianum* Looss, 1896, pl. 5, misprint for *chefrenianum* (Dist.).
- chelonix atræ* Braun, 1899e, 629, see *pachyderma*.—1899: Dist.
- chelonix imbricatæ* Dies., 1858e, 358, based on Bellingham, 1844, 340, t. h. *Chelonia imbricata*; Ireland.—1858: Amphist.
- chelydræ* Staff., 1900, 406, t. h. *Chelydra serpentina*.—1900: Dist. 1905: *Auridist.* (type).
- chelydræ* MacCallum, 1902, 632, t. h. *Chelydra serpentina*; Dunnville, Ontario.—1902: *Heronimus* (type).
- chiajæ* Tasch., 1879, 251, for *chiajei* (*Solenocotyle*).
- chiajæ* Mont., 1888, 89, for *chiajei* (*Solenocotyle*).
- chiajei* Dies., 1850a, 420, *Polyst. loliginis Chiaje*, 1823, renamed; t. h. *Loligo vulgaris*; Naples.—1850: *Solenocotyle* (type).
- chilensis* Gay, 1836, see next entry.—1836: *Branchiobdella*. 1850: *Astacobdella*.
- chilensis* Moquin-Tandon, teste E. Bl., 1849, 51, t. h. *cangregos*; Chili.—*Branchiobdella*. 1849: *Temnocephala*.
- chili* Osborn, 1903, 315, t. h. *Micropterus dolomieu*; Chautauqua, N. Y.—1903: *Cryptogonimus* (type).
- chilinsis* Mont., 1899, 113, for *chilensis* (*Temnocephala*).
- chilostomum* Mehlis, 1831, 186, t. h. *Vespertilio murinus* et al.—1831: Dist. 1892: D. (*Dicrocoelium*). 1900: *Lecithodendrium*.
- chilostomum* Ben., 1873, 27.—1873: Dist. [1892: D. *aristotelis*.]
- chimæræ* Ariola, 1899a, 8, t. h. *Chimæra monstrosa*; Genova, Italy.—1899: *Agamodist*.
- chimæræ* Kroyer, 1852-53a, 813, t. h. *Chimæra monstrosa* L.—1853: *Crobylophorus* (type).
- chinense* Cobbold, 1876, 97, D. *sinense* renamed, t. h. *Homo*.—1876: Dist.
- chiri* Goto, 1894, 193, t. h. *Chirus hexagrammus*; Japan.—1894: *Microcotyle*.
- chloropodis* Zed., 1800a, xvii, 164, t. h. *Fulica chloropus*; Europe.—1800: Dist. [Dist. *uncinatum*.]
- chlorotica* Dies., 1850a, 296, Cerc. II Baer renamed; t. h. *Paludina vivipara*; Regio. montii.—1850: Cerc. 1855: C. (*Eucerc.*). 1858: C. (*Acanthocephala*).
- choledochum* Linst., 1883a, 306, t. h. *Anas* sp.—1883: Dist. 1892: D. (*Dicrocoelium*). 1898: *Opisthorchis*.
- choledochus* Odhn., 1900, 14, t. h. *Vulpanser tadorna*.—1900: *Gymnophallus*.
- chordale* Burckhardt, 1891a, 62, t. h. *Protopterus annectens*.—1891: Amphist. [1892: *Tetracotyle*, *Holostomidæ*.]
- chrysophrii* Cerf., 1898a, 303, for *chrysophryi* (*Choricotyle*).
- chrysophrii* St.-Remy, 1898, 555, for *chrysophryi* (*Diclidophora*).
- chrysaëti* Rud., 1819a, 119, t. h. *Falco chrysaëtus*.—1819: Dist. [1892: D. *crassiusculum*.]
- chrysophris* Mont., 1888, 11, 16, for *chrysophryi* (*Choricotyle*).
- chrysophryi* Ben. & Hesse, 1863; 1864, 109, t. h. *Chrysophrys aurata*.—1864: *Choricotyle* (type). 1890: *Octobothrium*. 1890: *Microcotyle*. 1895: *Diclidophora*.
- chrySTALLinum* Hannover, 1864a, 3, for *crystallinum* 1819 (Dist.).
- cignoides* Mont., 1888, 40, 80, for *cygnoides* (Dist.).

- ciliata* Mueller, 1774, 55, free form.—1774: Fasc. 1776: Planaria.  
*cimbiforme* Mont., 1896, 165 for cymbiforme (Dist.).  
*cincta* Rud., 1803, 31, t. h. *Tringa vanellus*.—1803: Fasc. 1809: Dist. 1809: D. (Echinost.). 1860: Echinost.  
*cinctum* Brand., 1888a, 67, t. h. *Ardea* sp.; Brazil.—1888: Holost.  
*[cinerea* (anatomical term) Fasc.]  
*circularis* Linst., 1904, 493; or 1894, 17, t. h. *Acipenser ruthenus*.—1904: Erpocotyle.  
*[circumvallata* Sluiter, 1900. Dist. (tunicate).]  
*cirrata* Rud., 1802, 66, of Rud., 1808, xxv, for *F. cirrhata*.—1802: Fasc. [cirrhata]. 1809: Dist. 1845: D. (*Brachylaimus*). 1899: *Lepoderma*. 1899: *Plagiorchis*.  
*cirrhata* Rud., 1802, 66, t. h. *Corvus frugilegus*; Greifswald, June—1802: Fasc. 1855: Dist. 1899: *Lepoderma*.  
*cirrigerum* Nord., 1840, 616, for *cirrigerum* (Dist.).  
*cirrigerum* Baer, 1827, 553, t. h. *Astacus fluviatilis*.—1827: Dist. [1850: D. *isostomum*.]  
*cirrosum* Rud., 1808a, 296, for *cirratum* (Dist.).  
*cladocalium* Dies., 1858, 354, t. h. *Ardea minuta*; based on Pontallié, 1853, 103.—1858: Dist.  
*clathratum* Deslongchamps, in Lamouroux, 1824, 563, t. h. *Cypselus apus*.—1824: Dist. 1845: D. (*Dicrocoelium*). 1899: *Dicrocoelium*. [1899: *Lyperosomum*.]  
*clathratum* Deslongchamps, of Olsson, 1876, 24, renamed *olssoni* 1900.—1876: Dist. [1900: *Dicrocoelium olssoni*.]  
*clathratum* Dies., 1850a, 308, t. h. *Lutra brasiliensis*; Matogrosso.—1850: Hemist.  
*clausi* Mont., 1888, 79 for *clausii* (Cerc.).  
*clausii* Mont., 1888, 72.—1888: Cerc.  
*clava* Dies., 1850a, 356, hoets *Eunectes scytale*, *Hydrosopus plumbeus*, *Coluber flaviventris*, *Clælia fasciata*; Brazil.—1850: Dist. 1899: *Telorchis* (type).  
*clavata* Menzies, 1791, 187, t. h. *Scomber pelamys*; Pacific.—1791: Fasc. 1808: Dist. 1828: *Hirudinella* (type).  
*clavatum* Steenstrup, 1842, 59, under skin of frogs, *Rana temporaria*, [for 1842: *Amphist. subclavatum*?].  
*clavatum* Nord., 1832, 42, t. h. *Perca cernua*, *P. fluviatilis*, *P. lucioperca*.—1832: *Diplost.* 1850: *Tylodelphys* (type).  
*claviforme* Brand., 1888, 247, t. h. *Tringa alpina*.—1888: Dist. 1899: *Lecithodendrium*. 1892: D. (*Brachycœlium*). 1907: *Spelotrema*.  
*clavigerum* Zed., 1803a, 199, *Festuc. strigis* 1788, renamed; in *Strix*.—1803: *Amphist.* [1809: *A. macrocephalum*.]  
*clavigerum* Rud., 1810a, 103, t. h. *Bufo viridis*, at Berlin; *B. cinereus*, *Rana temporaria*, *R. esculenta*, *Hyla arborea*.—1819: Dist. 1845: D. (*Brachycœlium*). 1899: *Pleurogenes* (type).  
*calvigerum* Rud. of Duj., 1845a, renamed *confusus*, 1894.—1845: Dist. (*Brachycœlium*). 1899: *Prosotocus*, type.  
*clavus* Mol., 1858, 128, t. h. *Gadus merluccius*; Patavii.—1858: Holost.  
*cloacinum* Braun, 1901, 259, *bursicola* Crep., renamed.—1901: Echinost.  
*clupeæ* Ben., 1870, 67, t. h. *Clupea sprattus*; Belgium.—1870: *Gasterost.*  
*clupeæ* Schrank, 1788, 20, t. h. *rheinische Mayfische*.—1788: Fasc. 1803: Dist.  
*clupeæ rhenanæ* Rud., 1809a, 437, includes Fasc. *alosæ* Hermann, 1783, *F. clupeæ* Schrank, 1788.—1809: Dist.  
*cobboldi* Fischder., 1901, 372, for *cobboldii* (*Gastrothylax*).  
*cobboldi* Montgomery, 1906, Feb. 12, 21, t. h. *Equus caballus*; India.—1906: *Pseudodiscus*.  
*cobboldii* J. Poir., 1883, 77, t. h. *Palonia frontalis*; Java.—1883: *Gastrothylax*.  
*cobitidis* Linst., 1890d, 179, t. h. *Cobitis barbatula*.—1890: *Diplost.*  
*coccineum* Cuv., 1817, 42, t. h. *la môle*, *le xiphias*, etc.—1817: Trist. (type). 1820: *Phylline*. 1828: *Capsala*.  
*coccineum* of Rud., 1819a, 123, in *Orthagoriscus molæ*, *Xiphias gladius*, renamed *rudolphianum*, 1850.—1819: Trist.  
*cochlea* Wedl, 1857, 258, t. h. *Esox lucius*.—1857: *Gyrodactylus*. [1888: *Tetraonchus monenteron*.] 1890: *Dactylogyrus*.



- cochlear* Dies., 1858, 38, t. h. *Scomber scombrus*.—1858: *Grubea* (type).
- cochlear* Dies., 1850a, 357, *D. cochleariforme sternæ* Rud. renamed; t. h. *Sterna cantia*, *S. minuta*, int.; Brazil.—1850: Dist. 1901: *Microlistrum*.
- cochlear* Looss, 1899b, 667, t. h. *Chelonia mydas*; Egyptian coast.—1899: *Pyelosomum* (type).
- cochleare* Fischer, 1883, 1, t. h. *Halicore dugong*; Philippines.—1883: *Opisthotrema* (type).
- cochleariforme* Rud., 1809a, 326, includes *Festuc. cyprinacea*, t. h. *Cyprinus barbus*.—1809: *Monost.* (*Hypost.*).
- cochleariforme* Rud., 1819a, 681, t. h. *Pelecanus aquila*, *Sterna minuta*; Brazil.—1819: Dist. 1901: *Microlistrum* (type).
- cochleariforme sternæ* Dies., 1850a, 357, see *cochlear*.—1850: Dist.
- cochleariformis* Dies., 1838a, 189, t. h. *Cataphractus*.—1838: *Aspidocotylus*. 1877: *Cotylegaster*. 1879: *Aspidogaster*. 1892: *Aspidocotyle*.
- coccinea* Tasch., 1878, 567, for *coccinea* (*Phylline*).
- cœlebs* Linst., 1875, 192, t. h. *Fringilla cœlebs*.—1875: Dist. 1892: *Agamodist*.
- cœlomatiæum* Giard & Billet, 1892a, 613, t. h. cattle; Tonkin.—1892: Dist. 1896: *Dicrocœlium*. 1893: *D. (Dicrocœlium)*. 1907: *Eurytrema*.
- cœruleus* Braun, 1902b, 11, t. h. *Cairina moschata*; Brazil.—1902: *Metorchis*.
- coleostomum* Looss, 1896, 101, t. h. *Pélican*; Egypt.—1896: Dist. 1899: *Anoiktost*. 1899: *Ascocotyle* (type).
- collinsi* Sons., 1895, 182, for *collinsii*, *Amphist.* (*Pseudodiscus*).
- collinsii* Cobbold, 1875i, 741, t. h. *Equus caballus*; India.—1875: *Amphist.* [1895: *A. (Pseudodiscus)*.]
- collinsii* var. *stanleyi* Cobbold, 1879b, 359, t. h. *Equus*.—1879: *Amphist.* [1900: *A. hawkesi*.] [See *stanleyi* 1875.]
- collurionis* Schrank, 1790, 123, t. h. *Lanius collurio*.—1790: *Fasc.* 1803: Dist.
- colostomum* Vaullegeard, 1901, 143, for *coleostomum* (Dist.).
- colubri* Bosc, 1802, 271, t. h. *couleuvre d'Amérique*.—1802: *Fasc.* 1809: Dist. [1859: *D. bosci*.]
- colubri* Linst., 1877, 192, t. h. *Coluber natrix*.—1877: *Tetracotyle*. [1889: *Holost. variable*.]
- colubri americani* Rud., 1819a, 121, *D. colubri* 1809, renamed.—1819: Dist. [1859: *D. bosci*.]
- colubri murorum* Rud., 1819a, 121, t. h. *Coluber murorum*.—1819: Dist. [1850: *D. allostomum*.]
- colubri natricis intestinale* Rud., 1809a, 433, t. h. *Coluber natrix*.—1809: Dist. [1819: *D. mentulatum*.]
- colubri natricis pulmonale* Rud., 1809a, 434.—1809: Dist. [1819: *D. naja*.]
- colubri tessellati* Rud., 1819a, 121, t. h. *Coluber tessellatus*.—1819: Dist. [1850: *D. mentulatum*.]
- columbæ* Mazzanti, 1889a, 161, t. h. *Columba livia*; Pisa.—1889: Dist. [1896: *Mesogonimus commutatus*.]
- columbæ liviæ* Mueller, 1897, 26, t. h. *Columba livia*.—1897: *Echinost.*
- columbellæ* Pag., 1862, 306, t. h. *Columbella rustica*.—1862: *Cerc.*
- colymbi immeris* Viborg, 1795, 241.—1795: *Fasc. s. Ligula*.
- comes* Haswell, 1893c, 96, t. h. *Astacopsis serratus*; Australia.—1893: *Temnocephala*.
- cometa* Bory de St. Vincent, 1823a, 354, in infusions d'orge.—1823: *Cerc.*
- commune* Olss., 1876, 31, t. h. *Labrus*.—1876: Dist. 1886: *D. (Dicrocœlium)*. 1901: *Allocreadium*.
- communis* Odhn., 1905, 348, in numerous Scandinavian marine fishes.—1905: *Hemirurus*.
- commutatum* Dies., 1858c, 339, Dist. *dimorphum* Wagener, 1852 [not Dies., 1850], renamed, t. h. *Phasianus gallus*; Pisa.—1858: Dist. 1889: *Mesogonimus*. [1899: *Clinost.*]
- commutatum* Dies., 1850a, 311, t. h. *Sterna caspica*; M. C. V.—1850: *Hemist.*
- compactum* Cobbold, 1859d, 363, t. h. *Viverra mungos*.—1859: Dist. 1892: *Mesogonimus*. [1899: *Paragonimus*.] 1900: *Paragonimus*.

- compactus* Fischder., 1901, 370, t. h. *Bos taurus*; Africa.—1901: *Stephanopharynx* (type).
- compascua* Kowal., 1898, 72, see *xanthosoma compascua*.—1898: *Opisthorchis*. 1902: *Metorchis*.
- complanatum* Rud., 1814a, 103, t. h. *Ardea cinerea*; Berlin, Germany.—1814: *Dist.* 1845: *Dist.* (*Dicrocoelium*). 1899: *Clinost.*
- complanatum* Erc. of Par., 1894, 144, for *campanulatum* (*Dist.*).
- complexum* Stiles & Hass., 1894e, 425, t. h. *Felis catus* dom.; U. S. A.—1894: *Dist.* (*Dicrocoelium*). 1896: *Opisthorchis*. 1899: *Metorchis*.
- complexus* Seely, 1906, 249, t. h. *Rana pipiens*; North Carolina, U. S. A.—1906: *Pneumonocæces*.
- complicatum* Mehlis, 1846, 141, t. h. *Haliaëtus carbo*.—1846: *Dist.*
- compressus* Brand., 1898a, 27, t. h. *Bos indicus*; Vien. Mus.—1898: *Gastrothylax*.
- concarum* Crep., 1825a, 45, t. h. *Colymbus rufogularis*.—1825: *Dist.* 1892: *D.* (*Dicrocoelium*). 1899: *Tocotrema*. 1899: *Cryptocotyle* (type). 1899: *Cotylogonimus* (*Cryptocotyle*, type). 1903: *Cryptocotyle*.
- conchicola* Baer, 1826a, 124, t. h. *Anadonta*, Unio; Prussia.—1826: *Aspidogaster* (type). 1851: *Aspidonotus* (type).
- conchicole* Gronkowski, 1902a, 515, for *conchicola* (*Aspidogaster*).
- conchiola* Mont., 1888, 40, for *conchicola* (*Aspidogaster*).
- conchicola* Dies., 1850a, 414, for *conchicola* (*Aspidogaster*).
- concinna* Scott, 1904, 278, t. h. *Trygon pastinaca*; Scotland.—1904: *Thaumatocotyle* (type).
- concinna* Scott, 1902, 301; t. h. not given.—1902: *Acanthocotyle*.
- concinnum* Braun, 1901, 700, t. h. *Viverra zibetha*.—1901: *Dicrocoelium*.
- confusus* Looss, 1894a, 2, 101, *D. clavigerum* of Duj., 1845a, renamed; t. h. *Rana esculenta*; Paris, Rennes.—1894: *Dist.* 1899: *Prosotocus* (type). 1905: *Pleurogenes*.
- confusus* Odhn., 1905, 357, *bothryophorus* of Looss, 1899, 728, renamed; t. h. *Alosa finta* in Mediterranean and *Clupea harengus* in North Sea.—1905: *Lecithaster* (type by Odhn.).
- coni mediterranei* Fil., 1857c, 14, t. h. *Conus mediterraneus*; Mediterranean.—1857: *Cerc.* 1858: *Cercariæum*.
- conicum* Polonio, 1859, teste Par., 1894, 627.—1859: *Dist.*
- conicum* Polonio, 1859, t. h. *Natrix torquata*; Padua.—1859: *Diplodiscus*.
- conicum* Zed., 1803a, 188, *Festucaria cervi* Zed., 1790, renamed; t. h. *Cervus elaphus*.—1803: *Monost.* 1809: *Amphist.* [1901: *Paramphist. cervi*, type.]
- coniferum* Mehlis in Creplin, 1846, 138, t. h. *Colymbus cristatus*.—1846: *Holost.*
- conis* Perroncito, 1886, 250, misprint for *conus* Crep., 1825.—1886: *Dist.*
- coniunctum* Rivolta, 1884, 26, for *conjunctum*, 1860 (*Dist.*).
- conjunctum* Cobbold, 1860a, 8, t. h. *American Canis fulvus*.—1860: *Dist.* 1893: *D.* (*Brachylaimus*). 1895: *Opisthorchis*. 1899: *Metorchis*.
- conjunctum* of Lewis & Cunningham, as a parasite of man, in India, see *noverca*.—1872: *Dist.* 1895: *Opisthorchis*.
- conoideus* Bloch, 1782a, 35, t. h. *Anas boschas* dom.; Europe.—1782: *Cuculanus*. [1850: *D. echinatum*.] 1886: *Dist.* 1896: *Echinost.*
- conostomum* Ols., 1876, 17, t. h. *Coregonus oxyrhynchus*.—1876: *Dist.* 1886: *D.* (*Brachylaimus*). [1899: *Spathidium*.] 1902: *Phyllodist.*
- gonstrictum* Dies., 1850a, 322, t. h. *Abramis brama*.—1850: *Monost.* 1892: *Diplostomulum*.
- constrictum* Leared, 1862, 271, t. h. edible turtle; see *mistroides*.—1862: *Dist.* 1896: *Mesogonimus*. 1899: *Hapalotrema* (type).
- constrictum* Mehlis, 1846, 142, t. h. *Anas mollissima*, *A. nigra*.—1846: *Dist.*
- constructum* Staff., 1900, 407, misprint for *constrictum* Leared (*Dist.*).
- continuum* Ariola, 1899, 6, t. h. *Carcharias rondeletti*; Genova.—1899: *Dist.*
- contortum* Rud., 1819a, 118, t. h. *Orthagoriscus mola*; Naples.—1819: *D.* (*Echinost.*) 1893. *D.* (*Accacælium*). 1898: *Podocotyle*. 1899: *Accacælium* (type).
- contractus* Looss, 1902, 136, t. h. *Mugil chelo*.—1902: *Dicrogaster*.

- contribulans* Braun, 1901f, 568, t. h. *Hirundo rustica*.—1901: Eumegacetes.
- conum* Erc., 1881a, or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—1881 or 82: Cerc.
- conum* Huber, 1896a, 578, for *conus* Crepl. (Dist.).
- conus* of Gurlt, 1831, 193.—1831: Dist. [1903: *Opisthorchis felineus*.]
- conus* Crep., 1825, 50, t. h. *Felis catus* dom., *Canis vulpes*.—1825: Dist. 1892: D. (Dicrocoelium). 1896: *Opisthorchis*.
- conriva* Luehe 1901, 474, t. h. *Conger conger*; Coll. Berlin.—1901: *Lecithochirium*.
- convolutum* Brand. MS., in Braun, 1901f, 565, t. h. *Platalea ajaja*.—1901: Dist. [1902: *Mesaulus grandis*.]
- copulans* Cohn, 1902, 877, t. h. *Cryptobranchius japonicus*.—1902: *Liolope* (type).
- copulans* Linst., 1904, 254, t. h. *Arnoglossus laterna*; ? Louvain.—1904: *Synaptobothrium* (type). 1906: *Lecithochirium*.
- cordatum* Dies., 1850a, 308, t. h. *Felis cat. fer.*; M. C. V.—1850: Hemist.
- cordiforme* Braun, 1900f, 389, or 1900b, 225, t. h. *Molossus* sp.; Brazil.—1900: *Lecithodendrium*.
- cordiformis* Wolf, 1903, 602, t. h. *Squalus* sp.—1903: *Braunina*.
- coregoni feræ* Chauvannes, —, 62; see Dies., 1858d. 283.—1858: *Cercariæum*.
- cornifrons* Leidy, 1878, 382, t. h. *Donax fossor*.—1878: Dist.
- cornu* Dies., 1839a, 235, t. h. *Doras* sp. = *Cataphractus vacu*; Forte do Rio Branco; Brazil.—1839: Amphist. [1860: *A. nattereri*.]
- cornu* Nitzsch, in Rud., 1819a, 89, t. h. *Ardea cinerea*, *A. garzetta*; Europe.—1819: Amphist. 1819 [p. 357]: Holost.
- cornu* Linst., 1878, 228, t. h. *Abramis vimba*; middle Europe.—1878: *Dactylogyrus*.
- cornu* Zed., 1800a, xvii, t. h. *Ardea cinerea*; Europe.—1800: Dist. 1809: Amphist. 1819: Monost. (Monost.)
- cornucopia* Mol., 1859, 287, t. h. *Strix flammea*?; Batavia.—1859: Holost.
- cornuta* Bosc, 1802a, v. 3, 244.—1802: Cerc.
- cornuta* Osborn, 1903, 63, t. h. *crawfish*, black bass, and catfish; Lake Chautauqua. N. Y.—1903: *Bunodera*. 1904: *Crepidost*.
- cornutum* Rud., 1808a, xxv; 1809a, 343; t. h. *Charadrius pluvialis*; Greifswald, Europe.—1808: Amphist. 1845: Holost.
- cornutum* Verrill, 1875, 40, t. h. *Tetrapterus albidus*; North America.—1875: Trist.
- coronarium* Cobbold, 1861e, 119, t. h. *Alligator mississippiensis*.—1861: Dist. 1899: Anoiktost. 1896: D. (Echinost.). 1899: *Acanthost*. 1901: *Acanthochasmus*.
- coronata* Fil., 1855b, 10, t. h. *Lymnæus palustris*, *L. stagnalis*; Moncalier.—1855: Cerc. 1858: C. (*Gymnocephala*).
- coronatum* Leidy, 1888, 127, t. h. *terrapin*; eastern U. S. A.—1888: Polyst.
- coronatum* Rud., 1819a, 686, t. h. *Didelphis*(?) *virginiana*; Brazil.—1819: Dist. (Echinost.). 1850: *Rhopalophorus* (type). 1892: Echinost. 1898: *Rhopalias* (type).
- coronatum* Rentsch, 1860, 38, t. h. *Gasterosteus spinachia*.—1860: Dist.
- coronatum* Wagener, 1852, 567, t. h. *Corvina nigra*; Nice.—1852: Dist. 1886: D. (Echinost.). 1898: Echinost. 1899: Anoiktost. (type).
- corones* Dies., 1858e, 322, t. h. *Corvus corone*; Ireland.—1858: Holost.
- corpulentum* Lint., 1905, 327, t. h. *Lagodon rhomboides*, *Orthopristis chrysopterus*; Beaufort, N. C.—1905: Dist.
- corrigia* Braun, 1901, 946, t. h. *Tetrao tetrix*; Coll. Vien.—1901: *Lyperosomum*.
- corrugatum* Duj., 1845a, 409, t. h. *Sorex tetragonurus*; Rennes.—1845: Dist. (*Bra-chylaimus*).
- corvinæ* Stoss., 1886, 46, t. h. *Corvina nigra*; Triest.—1886: Dist. 1886: D. (Echinost.). [1899: Anoiktost. (type).]
- corvinum* Stiles & Hass., 1894, 418, t. h. *Corvus americanus*, *C. ossifragus*; U. S. A.—1894: Dist. *longissimum*. 1898: *Opisthorchis*.
- coryphænæ* Bosc, 1802, 271, t. h. "dorade".—1802: Fasc. 1809: Dist. [1850: D. *clavatum*; D. *tornatum*.]
- coryphænæ hippuridis* Tilesius in Litt, Rud., 1809a, 436.—1809: Fasc. [1809: Dist. *coryphænæ*.]
- coryphænæ* Cobbold, 1879b, 460, for *coryphænæ* (Dist.).

- coryphænae* Cobbold, 1879b, 461, for *coryphænae* (Dist.).  
 [costæ D. Valle (Dist.), a tunicate.]
- cotti* Linst., 1889a, 80 based on Zschokke, 1884, 204, t. h. *Cottus gobio*; Lake Leman.—1884: Monost.
- cotylophorum* Fischder, 1901a, 370, t. h. *Bos taurus* at Togo, *B. zebu* in German East Africa.—1901: Paramphist.
- cotylura* Pag., 1862, 293, t. h. *Trochus cinereus*; Cette.—1862: Cerc.
- craniaria* Dies., 1858, 316, t. h. *Cobitis fossilis*.—1858: *Tylodelphys*. 1860: Diplost.
- cranium* Huber, 1896a, 575, misprint for *crassum* (Dist.).
- crassa* Rud., 1793a, 27, *F. melis* Gmelin renamed.—1793: Fasc.
- crassa* Sons., 1888, 124.—1888: *Bilharzia*. 1892: *Gynæcophorus*. 1899: *Schistosoma*.
- crassa* Erc., 1881 or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—1881: Cerc.
- crassicauda* Erc., 1881 or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—1881: Cerc.
- crassicaudatum* Busch, 1851, 99, t. h. *Sagitta*.—1851: Dist.
- crassicaudatum* Leuck. in Kollar, 1836, 81, t. h. *Acipenser stellatus*.—1836: *Diklibothrium*. 1839: *Diclibothrium*. [1840: *Hexacotyle elegans*.] [1850: *D. armatum*.]
- crassicolle* Rud., 1809a, 378, for Fasc. *salamandræ*; t. h. *Salamandra atra*.—1809: Dist. 1845: Dist. (*Brachycælium*). [1896: *Brachycæcum*, type.] 1899: *Brachycælium* (type). 1899: Dist. (*Dicrocælium*). 1899: *Lecithodendrium*.
- crassiusculum* Rud., 1809a, 408, *Planaria bilis* Braun, renamed; t. h. *Falco melanætus*.—1809: Dist. 1892: *D. (Brachylaimus)*. 1898: *Opisthorchis*. 1899: *Metorchis*.
- crassiuscula* var. *janus* Kowal., 1898h, 122, t. h. *Anas boschas dom.*.—1898: *Opisthorchis*. 1898: *Campula*. [1899: *Metorchis*.]
- crassiusculus* Wedl, 1857, 258, t. h. *Lucioperca sandra*.—1857: *Gyrodactylus*. [1858: *Tetraonchus unguiculatus*.] 1890: *Dactylogyrus*.
- crassum* Cobbold, 1860a, 5, *buskii* renamed, t. h. *Homo*.—1860: Dist. 1899: *Fasciolopsis*.
- crassum* Ols., 1876, 25, t. h. *Hirundo urbica*.—1876: Dist.
- crassum* Sieb., 1836, 234, t. h. *Hirundo urbica*.—1836: Dist. 1892: *D. (Dicrocælium)*. 1907: *Eumegacetes*.
- crassus* Looss, 1901l, 568, t. h. *Thalassochelys corticata*; Egypt.—1901: *Glyphicephalus*. 1902: *Epibathra* (type).
- crenata* Rud., 1802, 76, t. h. *Gasterosteus aculeatus*, *Pleuronectes maximus*.—1802: Fasc. 1809: Dist. 1889: *Apoblema*. 1901: *Hemius*. 1905: *Brachyphallus* (type).
- crenata* Froelich, 1802a, 60, t. h. *Fulica chloropus*; Europe.—1802: Fasc. [1814: Dist. *uncinatum*.]
- crenata* Mueller, 1774, 64.—1774: Fasc. 1776: *Planaria*.
- crenatum* Mol., 1859, 840, t. h. *Centrolophus pompilius*; Batavii.—1859: Dist. 1886: *D. (Apoblema)*. 1889: *Apoblema*. 1899: *Hemius*. [1901: *Lecithocladium excisum*.] 1905: *Brachyphallus*.
- crenulatum* Rud., 1809a, 328, t. h. *Motacilla phœnicurus*; Greifswald.—1809: Monost. (Monost.).
- crenulatum* Cobbold, 1860a, 47, t. h. *Anas nigra*; Ireland.—1860: Holost.
- crystallina* Sons., 1893, 188, for *crystallina* Rud., 1819 (*Tetracotyle*).  
 [crystallinum Ren. (Dist.), tunicate.]
- cristata* La Valette, 1855, 23, t. h. *Lymnæus stagnalis*.—1855: Cerc. [1858: *Lophocercaria fissicauda*.]
- cristatum* Rud., 1819a, 117, t. h. *Stromateus fiatola*; Arimini.—1819: Dist. (*Echinost.*). 1860: *Echinost.*
- croaticum* Stoss., 1889, 183, t. h. *Carbo graculus*; Fiume, Croazia.—1889: Dist. 1892: *Echinost.*
- crocodili* Poir., 1886, 30, t. h. *Crocodylus siamensis*.—1886: Dist. 1895: *Echinost.*
- crotali* "Humboldt."—Dist., an arachnid [now in *Porocephalus*].
- crotali durissi* Rud., 1809a, 433, for *crotali*.—1809: Dist. [1819: Pentast. *proboescideum*.]

- cruciatus* Wedl., 1857, 258, t. h. *Cobitis fossilis*.—1857: *Gyrodactylus*. 1858: *Tetraonchus*. 1890: *Dactylogyrus*.
- crucibulum* Rud., 1819a, 83, t. h. *Muræna conger*, *M. cassini* (*M. myroides*); Naples.—1819: *Monost.* (*Monoet.*). 1845: *Dist.* (*Crossodera*). 1850: *Monost.* 1859: *Gasterost.* 1905: *Proserhynchus*.
- crucifer* Wagener, 1857, 55, t. h. *Cyprinus erythrophthalmus*.—1857: *Dactylogyrus*.
- crumena* Mueller, 1786, 129, in infuso *Ulvæ linzæ* marino.—1786: *Cerc.* 1815: *Furcocerca*. 1827: *Crumena*, type.
- crumenifer* Otto, 1896, 94, see *crumeniferum*.—1896: *Gastrothylax*.
- crumeniferum* Crep., 1847, 30, t. h. *Bos taurus indicus*.—1847: *Amphist.* 1883: *Gastrothylax* (type).
- crumigerum* Fischder., 1903h, 563.—1903: *Amphist.* [1903: *Gastrothylax compressus*.]
- crux* Levin., 1881, 80, t. h. *Modiolaria discors*; *Egedisminde*.—1881: *Bucephalus*.
- cryptobothrium* Ben., 1870, 1871a, 31, t. h. *Trigla gurnardus*; Belgium.—1870: *Dist.*
- crystallinum* Rud., 1819a, 100, hosts *Rana esculenta*, *R. temporaria*, *Bufo viridis*, *B. igneus*, *Vipera berus*; Berlin.—1819: *Dist.* 1877: (ex parte) *Tetracotyle*.
- cteniceps* Leidy MS. in Stiles & Hass., 1894, 249, t. h. *Fiber zibethicus*.—1894: *Dist.*
- ctenolabri* Staff., 1905, 682, t. h. *Ctenolabrus adspersus*.—1905: *Dermocystis* (type).
- cucullus* Ziegler, 1883, 540, for *cuculus* (*Bucephalus*).
- cuculus* McCrady, 1874, Dec. 3, 176, t. h. *Ostrea virginiana*; Charleston, S. C.—1874: *Bucephalus*. [1874: *Hydriaculus*, type.]
- cucumerina* Erc., 1881, see Par., 1894, 364, t. h. *Bythinia tentaculata*; Bologna.—1881: *Cerc.*
- cucumerina* Rud., 1804, 166 in liver of *Pleuronectes maximus*.—1804: *Fasc.*
- cucumerinum* Rud., 1809a, 360, host *Avis riparia*, gen. sp. incert.—1809: *Dist.* 1889: *Monost.* 1902: *Typhlocelum*.
- cuneatum* Rud., 1809a, 358, t. h. *Otis tarda*; Greifswald.—1809: *Dist.* 1901: *Prosthogonimus*.
- cuspidatum* Looss, 1896b, 96, t. h. *Milvus parasiticus*; Matarieh.—1896: *Dist.* 1899: *Anoiktost.* 1899: *Centrocestus* (type).
- cuticola* Nord., 1832, 49, t. h. *Cyprinus*, see p. 290.—1832: *Holost.* [1832: *Cryptostomum*.] 1850: *Diplost.* 1892: *Tetracotyle*. [1898: *Hemist. denticulatum*.] 1902: *Tetracotyle*.
- cuticula* Kroyer, 1852–53a, 1250, for *cuticola* (*Holost.*).
- cycladis rivicolæ* Dies., 1850a, 298, based on Sieb., 1837, 388, t. h. *Cyclas rivicola*.—1850: *Cerc.* 1855: *Cercariaeum*.
- cyclidium* Mueller, 1773, 68, in *Aquis purioribus frequens*.—1773: *Cerc.* 1827: *Cyclidium*, type.
- cyclophora* Braun, 1896, 3, t. h. *Notothenia* sp.; Navarin, Puerto Toro.—1896: *Lophocotyle* (type).
- cyclopteri* Rud., 1809a, 438, t. h. *Cyclopterus lumpus*.—1809: *Dist.* [1850: *D. reflexum*.]
- cygni oloris* Dies., 1858e, 344, based on Bellingham, 1844, 427.—1858: *Dist.* [1858: *D. echinatum*.]
- cygnoides* Zed., 1800a, 163, t. h. *Rana esculenta*.—1800: *Dist.* 1845: *D.* (*Dicrocoelium*). 1889: *D.* (*Polyorchis*). 1898: *Pleorchis*. 1899: *Phyllodist.* 1899: *Gorgodera* (type).
- cygnoides* Schrank, 1803, 212, t. h. —.—1803: *Fasc.*
- cygnoidis* Sons., 1893, 187, for *cygnoides* (*Dist.*).
- cylindraceum* Zed., 1800a, 163, t. h. *Rana esculenta*.—1800: *Dist.* 1802: *Fasc.* 1845: *Dist.* (*Dicrocoelium*). 1847: *Brachylæmus*. 1899: *Haplometra* (type).
- cylindraceum* Zed., of Pachinger, 1888.—1888: *Dist.* [1894: *D. variegatum*.]
- cylindrica* Gœze, 1782a, 174, a "Klasse."—1782: *Planaria*. 1841: *Dist.*
- cylindricum* Dies., 1836d, 249, t. h. *Cataphractus murica*; Villa Maria, Brazil.—1836: *Amphist.*
- cylindricum ranæ* Mayer, 1841, 18.—1841: *Dist.*
- cymbiforme* Rud., 1819a, 96, t. h. *Testudo mydas*; Arimini.—1819: *Dist.* 1895: *D.* (*Brachylaimus*). 1899: *Phyllodist.* 1899: *Spathidium*. 1901: *Plesiochorus* (type).

- cymbium* Dies., 1850a, 320, t. h. *Himantopus wilsonii*; Caiçara, Brazil.—1850: Monost. [1819: *M. flavum*.] 1902: *Hæmatotrephus*.
- cymbulæ* Græffe, 1860a, 47, t. h. *Cymbulia peronii* Les; Nizza.—1860: Cerc.
- cymbulæ* delle Chiaje (1841a, 109).—Dist.
- cyprinacea* Schrank, 1790, 122, t. h. *Cyprinus barbatus*.—1790: *Festucaria*.
- cyprinaceum* Zed., 1800a, 164, in intest. *Cyprinorum*.—1800: Dist. [1850: *D. globiporum*.]
- cyprinæ* Leach in Johnston, 1865, 35, t. h. *Cyprina islandica*; Plymouth, Eng.—1865: Monost. [1865: *Malacobdella grossa*.]
- cyprini carassii* Viborg, 1795, 242.—1795: Fasc.
- cyprini idi* (peritonei) Dies., 1858e, 367, t. h. *Leuciscus idus*; Rennes.—1858: Dist. [1858: ? *Tetracotyle echinata*.]
- cyprini idi* Moul., 1856, 233.—1856: *Tetracotyle*. [1858: *T. typica*.]
- cysticola phalangii opilionis* Dies., 1855, 64, see *cystidicola* 1846.—1855: Dist.
- cysticola* Crep., 1846a, 159, t. h. *Planorbis* sp.—1846: Dist.
- cystidicola* Crep., 1846, 156, t. h. *Phalangium opilio*.—1846: Dist.
- cystophona* Will.-Suhm, 1870, 5, for *cystophora* (Cerc.).
- cystophora* Wagener, 1866, 145, t. h. *Planorbis marginatus*.—1866: Cerc.
- dactyliferum* Braun, 1892a, 568, for *dactylipherum* (Dist.).
- dactylipherum* Poir., 1885, 10, t. h. *Argonauta*.—1885: Dist.
- deflectens* Rud., 1819a, 677, t. h. *Sylvia* sp., *Motacilla* sp.; Brazil.—1819: Dist. 1901: *Dicrocoelium*.
- delectans* Braun, 1901g, 945, t. h. *Myiothera ruficeps*; Brazil.—1901: *Dicrocoelium*.
- delicatum* Dies., 1850a, 325, includes Dist. *testudinis* Rud., 1819a, 121, t. h. *Emys europæa*, *Halichelys atra*; Mus. Vien.—1850: Monost.
- delicatum* Rud., 1809a, 373, t. h. *Anas sponsa*.—1809: Dist. 1828: Fasc.
- deliciosum* Olss., 1893, 10, t. h. *Larus argentatus*.—1893: Dist. 1900: *Gymnophallus* (type).
- delitescens* Looss, 1899b, 666, t. h. *Chelonia mydas*; apparently Egypt.—1899: *Cricoccephalus* (type). [See also *albus*.]
- delphini* Dies., 1850a, 330, t. h. *Delphinus dalei*; near Havre.—1850: Monost. [1860: *M. blainvillei*.] 1892: *Monostomulum*.
- delphini* Poir., 1886, 34, t. h. *Delphinus delphis*.—1886: Dist. 1892: *Cladocœlium*. 1899: *Brachycladium*.
- dendricum* Ben., 1870, 36, for *dendriticum* (Dist.).
- dendriticum* Rud., 1819a, 93, t. h. *Xiphias gladius*.—1819: Dist. 1896: *D. (Dicrocoelium)*. 1899: *Dicrocoelium*.
- dendyi* Haswell, 1893e, 96, t. h. *Astacopsis bicarinatus*; Australia.—1893: *Temnocephala*.
- dentatum* Lint., 1900: 269, t. h. *Paralichthys dentatus*.—1900: Dist.
- denticulata* Rud., 1802, 91, t. h. *Sterna hirundo*; Greifswald, July.—1802: Fasc. 1809: Dist. (Echinost.). 1860: Echinost.
- denticulata* Rud., 1805, an arachnoid.—1808: Polyst. 1809: Polyst. (Pentast.), [now in *Linguatula*.]
- denticulatum* Rud., 1819a, 90, t. h. *Alcedo ispida*; Mus. Vien., Europe.—1819: Amphist. 1845: Holost. 1850: Hemist.
- denticulatum* Olss., 1876, 10, t. h. *Gadus virens*.—1876: *Octobothrium*. 1895: *Dactylocotyle*.
- depressum* Polonio, 1859, teste Par., 1894, 149, t. h. *Triton cristatus*; Padua.—1859: Dist.
- depressum* Stoss., 1883, 118, t. h. *Dentex vulgaris*; Triest.—1883: Dist. 1886: *D. (Brachylaimus)*.
- detruncatum* Braun, 1899g, 490, t. h. *Mycteria americana*, *Ciconia americana*; Brazil.—1899: Clinost. 1900: Dist.
- diadema* Mont., 1902, 137, t. h. *Trygon violacea*.—1902: *Epibdella*. 1903: *Phylline*. 1902: *E. (Phylline)*.
- diaphanum* Odhn., 1902, 154, t. h. *Polypterus bichir*; White Nile.—1902: *Callodist.* (type).
- diaphanum* Staff., 1904, 494, t. h. *Ambloplites rupestris*; Canada.—1904: *Protenteron* (type).

- diaphanum* Cerf., 1894k, 936, t. h. *Raja batis*.—1894: *Merizocotyle* (type).
- dichotoma* Mueller, in LaValette, 1855, 38, free form.—1855: Cerc. 1858: C. (*Schizocerca*).
- dicorynum* Dies., 1850a, (359), 680, t. h. *Lampris guttatus*; new name for *D. affine* Dies.—1850: Dist. 1886: D. (*Köllikeria*?).
- diceranocelum* Fischder., 1901a, 369, t. h. *Bos taurus indicus*; Coll. Berl. Vet. School.—1901: Paramphist.
- dictyotus* Mont., 1893, 156, *reticulatum* Looss, 1885, renamed.—1893: Dist. 1893: *Mesogonimus* (type).
- didelphidis* Par., 1896, 3, t. h. *Didelphys azaræ*; Paraguay.—1896: Dist. (*Brachylaimus*). 1904: Plagiorchis.
- didelphydis* Stoss., 1904, 2, for *didelphidis* Par.—1904: Dist. [*D. (Brachylaimus)*.]
- diesingi* Braun, 1901, 561, for *diesingii* 1860.—1901: Dist. [1902: *Microlistrum cochlear*.]
- diesingi* Fil., 1837a, 334, t. h. *Planorbis nitidus*; Ticino.—1837: *Diplodiscus*. 1856: Cerc. [1850: *Diplocotyle mutabile* (type).]
- diesingii* Fil., 1854a, 6, for *diesingi* (Cerc.). 1854: *Diplodiscus*.
- diesingii* Cobbold, 1860a, 14 (*D. cochlear* Dies., renamed), t. h. *Sterna cantiaica*, *S. minuta*; Brazil.—1860: Dist. [*Microlistrum cochlear*.]
- differeus* Sons., 1891, 261, t. h. *Cantharus lineatus*.—1891: *Trochopus*.
- difformis* Wagener, 1857, 63, t. h. *Cyprinus erythrophthalmus*.—1857: *Dactylogyrus*.
- diffusocalciferum* Gastaldi, 1854, 5, t. h. *Rana esculenta*.—1854: Dist.
- digitata* Mont., 1903a, 309, t. h. *Palemonetes argentinus*.—1902: *Temnocephala*.
- digitatum* Rathke, (1843), 242, t. h. *Hippoglossus gigas*; Norway.—1843: *Octobothrium*. [1850: *Diclidophora palmata*.] [1879: *Octobothrium palmatum*.]
- digitatus* Looss, 1899b, 641, t. h. *Sphyræna vulgaris*; Egypt.—1899: *Hemiurus*. 1901: *Lecithochirium*. 1907: *Plerurus* (type).
- dilatatum* Fischer de Waldheim, 1840a, 158, t. h. *Gallus communis*; Vilnæ.—1840: Dist. 1860: *Echinost.* [1892: *E. echinatum*.]
- dilatatus* Dady, 1905, 233, t. h. *Colossoma brachypoma*; Paraguay.—1905: *Chiorchis*.
- dilutatum* Schneidemuëhl, 1896, 303, misprint for *dilatatum* (Dist.).
- dimidiatum* Crep., 1829, 55, t. h. *Acipenser sturio*.—1859: Dist.
- dimorphum* Dies., 1850a, 353 [contains *D. marginatum* Rud., 1819a, 680, and Duj., 1845a, 446], t. h. *Salmo carapus* etc., see page 184; Brazil.—1850: Dist. 1886: D. (*Brachylaimus*). 1899: *Clinost.*
- dimorphum* of Wagener, 1852, 555, see *commutatum* 1858, from chicken.—1852: Dist. 1890: *Mesogonimus*.
- diodontis* Oken, 1815, 182, t. h. *Diodon* sp.; Norka to Cal.—1815: *Phylline* (type of P. Oken, teste Odhn.). [*Trist. maculata*.] [*Capsala martinieri*.]
- diplochanthus* Massa, 1903, 254, t. h. *Trigla hirundo*.—1903: *Trochopus*.
- diplocotylea* Pag., 1857, 25, t. h. *Planorbis marginatus*.—1857: Cerc. [1858: *Diplocotyle mutabile*.] [1885: *Amphist. subclavatum*.]
- diplodiscoides* Cohn, 1904, 240, t. h. *Rana esculenta*.—1902: *Opisthodiscus* (type).
- diploorchis* Odhn., 1905, 318, t. h. *Lumprenus medius*; Spitzbergen, off King's bay.—1905: *Monorchoides* (type).
- [*dipsacum* Lint., 1897a, 806, cestode (*Octobothrium*).]
- discus* Mueller, 1786, 138, pl. 20, fig. 3, in *aqua palustri raro*.—1786: Cerc. 1829: *Cyclidium*.
- diserialis* Ssinitzin (1896), in *Rallus aquaticus*.—1896: *Notocotyle*.
- dispar* Looss, 1902, 888, t. h. dogs and cats; Egypt.—1902: *Heterophyes*.
- disticha* Mueller, 1776, 224.—1776: Fasc. 1803: Dist.
- distomatosa* Linst., 1889a, 118, based on Sons., 1884, 98, t. h. *Cleopatra bulimoides*; near Cairo, Egypt.—1889: Cerc.
- distomi folii* Looss, 1894a, 251.—1894: Cerc. [Dist. folium.]
- distomi hepatici* Looss, 1894a, 252.—1894: Cerc. [Fasc. hepatica.]
- distomi homolostomi* Linst., 1889a, 120, t. h. *Limnæa stagnalis*.—1889: Cerc. [Dist. holostomum.]
- distomi militaris* Braun, 1893a, 832.—1893: Cerc. [Dist. militare.]

- distomi perlati* Looss, 1894a, 32.—1894: Cerc. [Dist. perlatum.]
- distomi retusi* Linst., 1878a, 327, in *Limnæa stagnalis*.—1878: Cerc. [Dist. retusum.]
- divergens* Rud., 1809a, 371, Fasc. blennii renamed, t. h. *Blennius viviparus*.—1809: Dist.
- divergens* Looss, 1902c, 640, t. h. *Ranzania truncata*; Triest.—1902: Orophocotyle.
- dolichocotyle* Cohn, 1903, 37, t. h. *Herpetodryas fuscus*.—1903: Amphist. 1904: Catadiscus (type).
- donavani* Mont., 1888, 16, for donavini (Microcotyle).
- donavini* Ben. & Hesse, 1863; 1864, 114, t. h. *Labrus donavini*.—1863; 1864: Microcotyle (? type).
- draconis* Briot, 1904, 126, t. h. *Trachinus draco*; North Sea.—1904: Microcotyle.
- dubia* Gœze, 1782a, 177, see alata.—1782: Plan.
- dubium* Leidy, 1856, 45, t. h. *Rusticola minor*.—1856: Clinost. 1858: Dist.
- dubium* Cobbold, 1860, 45, t. h. *Corvus corone*.—1860: Holost. [1858: H. coronæ.]
- dubium* Cobbold, 1858b, 156 t. h. *Gasterosteus spinachia*.—1858: Monost. 1892: Monostomulum.
- dubius* Klein, 1905, 68, t. h. *Coluber olivaceus*.—1905: Halipegus.
- dujardini* MacCallum, 1904, 547, for dujardinii (Echinost.).
- dujardinianus* Dies., 1850a, 432, t. h. *Cyprinus carpio*, *Leuciscus rutilus*.—1850: Gyrodactylus. 1858. Dactylogyrus.
- dujardinii* Cobbold, 1860a, 37, Dist. hystrix Duj., 1845a, 433, D. hystrix Dies., 1850a, 393, renamed; t. h. *Pleuronectes maximus*, P. platessa—1860: Echinost.
- dujardinii* Cobbold, 1860a, 29, D. soleæ 1845, renamed, t. h. *Solea vulgaris*, see *Pleuronectes solea*.—1860: Dist.
- dujardinii* Dies., 1850a, 420, t. h. *Cyprinus erythrophthalmus*.—1850: Diporpa (type). [1879: Diplozoon paradoxum, type.]
- dujonii* Braun, 1893a, 917, see also dujonis (Monost.).
- dujonis* Leuck., (1874), 419, t. h. *Halicore dujong*.—1874: Monost.
- duplicata* Baer, 1826, 124, t. h. *Anadonta ventricosa*; Regiomontii.—1826: Dist. 1856: Cerc. [1850: Rhopalocerca tardigrada, type.]
- duplicatum* Rud., 1819a, 125, Polyst. thynni 1811, renamed, t. h. *Scomber thynnus*; Balearic Isles.—1819: Polyst. 1845: Polyst. (Hexacotyle). 1850: Plagiopeltis (type).
- ecaudata* Eichwald, 1829a, 248, t. h. *Lymnæus stagnalis*.—1829: Cerc.
- echeneidis remoræ* Rud. (1821–8), 163, t. h. *Echeneis remora*.—18—?: Dist.
- echeneis* Wagener, 1857, 99, t. h. *Chrysophrys aurata*.—1857: Dactylogyrus. 1889: Diplectanum.
- echinata* Dies., 1858e, 367, new name for Dist. cyprini idi (peritonei), see Duj., and T. acerinæ cernuæ, t. h. *Leuciscus idus*, *Acerina cernua*; Europe.—1858: Tetra-cotyle.
- echinata* Sieb., 1837, 187, t. h. *Lymnæus stagnalis*: Gedani.—1837: Cerc. 1855: Cerc. (Hormocerc.). 1858: Cerc. (Nephrocephala). [1858: Dist. echinatum.] 1861: Dist.
- echinata* Nord., 1840, 621.—1840: Fasc. [1840: F. trigonocephala.]
- echinatoides* Fil., 1854, 266, t. h. *Paludina vivipara*, P. achatina; Lake Varese, Lombardy.—1854: Cerc. 1855: Cerc. (Hormocerc.). 1858: C. (Nephrocephala). [1858: Dist. echiniferum.]
- echinatoides* Dies., 1858d, 263, for echinatoides anodontæ.—1858: Dist.
- echinatoides anodontæ* Pag., 1857, 32, t. h. *Anadonta cygnea*.—1857: Dist.
- echinatum* Linst., 1878, 223, t. h. *Pandion haliaëtus*.—1878: Monost.
- echinatum* Fil., 1837a, 338, t. h. *Paludina impura*; Italy.—1837: Heterost. (type). 1858: Cercariæum.
- echinatum* Zed., 1803a, 220, t. h. *Anas domestica*, A. querquedula; includes: *Cucullanus conoideus* Bloch, 1782; *Planaria teres* Gœze, 1782; Dist. anatis Zed., 1800; *Festucaria anatis* Schrank; Fasc. anatis Gmelin.—1803: Dist. 1828: Echinost., type. 1809: D. (Echinost.).
- echinifera* LaValette, 1855, 14, t. h. *Paludina vivipara*.—1855: Cerc. 1855: Dist. [1856: Cerc. echinatoides.] [1858: C. (Nephrocephala) echinatoides.] [1873: Dist. militare.] 1892: Echinost.



- echiniferum paludinae* Pag., 1857, 30, t. h. *Paludina vivipara*.—1857: Dist.
- echinocephalum* Rud., 1819a, 115, t. h. *Falco milvus*; includes *D. milvi*.—1819: Dist. (Echinost.). 1860: Echinost.
- echinocerca* Fil., 1855b, 17, t. h. *Buccinum linnæi*; Golf de Gênes.—1855: Cerc. 1858: *Histrionella*. [1858: Dist. *appendiculatum*.]
- echinostomum* Dies., 1850a, 326, t. h. *Cathartes aura* and *Sula fusca*; Brazil; includes Dist. *planicolle* Rud., from *Pelecanus sula* in Brazil.—1850: Monost. [1902: *Anoictost. planicolle*.]
- echiuri* Greef, 1879a, 130, t. h. *Echiurus pallasi*.—1879: Dist.
- efemera* Ssinitzin, 1905, 158, for *ephemera* (Cerc.).
- ehrenbergii* Focke, 1836a, 191.—1836: *Planaria*.
- elaphi* Gmelin, 1790a, 3054, cervi renamed, t. h. *Cervus elaphus*.—1790: Fasc. 1800: Monost. [1850: *Amphist. conicum*.]
- elegans* Baer, 1826, 125, t. h. Stör=*Acipenser sturio*.—1826: *Nitzschia* (type). 1864: Trist.
- elegans* Ben., 1858a, 1861a, 60, t. h. *Sciæna aquila*; Belgium.—1858, 1861: *Calceost.* (type.)
- elegans* Dies., 1858c, 364, new name for *Epibdella sciænæ*, t. h. *Sciæna aquila*; near Ostend.—1858: *Benedenia* (type).
- elegans* Goto, 1894a, 188, t. h. *Scombrops chilodipteroides*; Japan.—1894: *Microcotyle*.
- elegans* Looss, 1899b, 692, t. h. *Phœnicopterus roseus*; Gizeh.—1899: Echinost.
- elegans* Mont., 1890, 191, *Raja clavata*; Naples.—1890: *Acanthocotyle*.
- elegans* Mueller in LaValette, 1855, 13, free form.—1855: Cerc. 1858: *Histrionella*.
- elegans* Olss., 1868, or 1869, 2, t. h. *Chimæra monstrosa*; Skagerrack.—1868: *Macraspis* (type). [1888] 1891: *Aspidogaster*.
- elegans* Rud., 1802, 65, t. h. *Fringilla domestica*; Greifswald.—1802: Fasc. 1809: Dist. 1845: D. (*Brachylaimus*). 1902: *Plagiorchis*.
- elegans* Nord., 1832, 106, t. h. *Cyprinus brama*.—1832: *Gyrodactylus* (type).
- elegans* Nord., 1840, 597, 600, includes *crassicaudatum* (*Diklibothrium*), t. h. *Acipenser stellatus*.—1840: *Hexacotyle*.
- elephantis* Dies., 1858, 354, based on Jackson, 1847, 317, t. h. *Elephas indicus*.—1858: Dist. 1892: *Cladocœlium*.
- elipticum* Stoss., 1886, 64, for *ellipticum* Mol., 1858.—1886: D. (Echinost.).
- ellicticum* Mont., 1892, 715, for *ellipticum* (Monost.).
- elliptica* Dies., 1850a, 421, t. h. *Labrax mucronatus*.—1850: *Plectanocotyle* (type). 1858: *Plectanophorus* (type).
- ellipticum* Mol., 1858, 130, t. h. *Acipenser nasus*; Patavii.—1858: Dist. 1886: D. (Echinost.).
- ellipticum* Brand., 1888a, 59, t. h. *Piaya cayana*; Brazil.—1888: Hemist.
- ellipticum* Brand., 1888a, 67, t. h. *Bubo magellanicus*; Brazil.—1888: Holost.
- ellipticum* Rud., 1809a, 333, *M. bombynx* 1800, renamed.—1809: Monost. (Monost.). [1853: Dist. *variegatum*.]
- ellipticus* Pratt, 1903, 25, t. h. *Heterodon platyrhinus*; North America.—1903: Renifer (type).
- elongata* Goto, 1894a, 210, t. h. *Pagrus tumifrons*; Mogi and Hakodate, Japan.—1894: *Diclidophora*.
- elongata* Nitzsch, 1826, 150, t. h. Stör.—1826: Trist. 1840: *Capsala*. [1850: *N. elegans*.] 1865: *Nitzschia*.
- elongatum* Mehlis, 1831, 177, t. h. *Larus argentatus*, *L. marinus*, *L. ridibundus*.—1831: Dist.
- elongatum* J. Poir., 1883, 76, t. h. *Palonia frontalis*; Java.—1883: *Gastrothylax*. 1903: Amphist.
- elongatus* Pratt, 1903, 25, t. h. *Heterodon platyrhinus*; North America.—1903: Renifer.
- emarginata* Olss., 1876, 11, t. h. *Raja clavata*.—1876: *Onchocotyle*. 1890: *Octocotyle*.
- emarginatum* Rud., 1819a, 124.—1819: Pentast.
- emarginatum* Dies., 1839a, 237, t. h. *Callithrix noctivaga*; Matogrosso, Brazil.—1839: Amphist.
- ematobia* Sons., 1884, 20, for *hæmatobia* (Bilharzia).

- emberizæ citrinellæ* Dies., 1836d, 253.—1836: Amphist.  
*embryo* Olfers, 1816, 110, t. h. *Perca vulgaris*, *P. cernua*.—1816: Dist.  
*emendatus* Braun, 1901g, 895, new name for *Dist. meropis* of Par. [not of Rud.] = *Megacetes triangularis* of Looss [not *D. triangulare* Dies.]; t. h. *Merops apiaster*.—1901: *Eumegacetes* (type).  
*[endemica]* Sons., 1884, 17, not as specific name.—1884: Dist. 1884: *Bilharzia*.]  
*endemicum* Bætz, 1883, 235, t. h. *Homo*; Japan.—1883: Dist. *hepatis*. 1892: *D. (Brachylaimus)*. [*Opisthorchis sinensis*.] 1907: *Clonorchis*.  
*endemicum hepatis* St.-Remy, 1883, 528, cf. *hepatis endemicum*.—1883: Dist.  
*endobala* Ssinitzin, 1906, 685, for *endoloba* (*Opisthioglyphe*).  
*endobola* Ssinitzin, 1905, 121, for *endoloba* (*Opisthioglyphe*).  
*endobolium* Mont., 1891, 110, for *endolobum* (Dist.).  
*endolobium* Gurlt, 1845a, 288, for *endolobum* (Dist.).  
*endolobum* Duj., 1845a, 397, t. h. *grenouilles vertes et rousses, et la Salamandre*; Rennes.—1845: Dist. 1899: *Opisthioglyphe* (type).  
*engæi* Haswell, 1893e, 97, t. h. *Engæus fossor*; Gippsland.—1893: *Temnocephala*.  
*engei* Mont., 1899, 83, for *engæi* (*Temnocephala*).  
*enterarchos* de Fil.—Dist. [1896: *D. crassicolle*.]  
*entzi* Ratz, 1900, 534, t. h. *Ardea purpurea*.—1900: *Opisthorchis*.  
*epatica* Brera, 1809a, 92, for *hepatica* (Fasc.).  
*epatica* Rosa, 1794, 5, in *Ardea purpurea*.—1794: Fasc. [1850: Dist. *heterostomum*.] [1900: ? *Clinost. heterostomum*.]  
*epatico* Galli-Valerio, 1893a, 178 (Dist.), see *hepatica*.  
*ephemera* Nitzsch, 1807, 33, t. h. *Planorbis corneus*; Halle.—1807: Cerc. 1828: *Histrionella* H. & E., type. [1858: *Glenocerc. flava*.] [1858: Dist. *trigonocephalum*.]  
*epiclitum* Fischder., 1904, 458, t. h. *Bos taurus indicus*, *Buffelus indicus*; Cochin China.—1904: *Paramphist*.  
*equi* Gmelin, 1790a, 3054, t. h. *Equus caballus*.—1790: Fasc. *hepatica*.  
*equi* Burke, 1882a, 322, t. h. *Equus caballus*.—1882: *Hæmatobium*.  
*ercolani* Mont., 1893, 40, for *ercolanii*.—1893: Dist.  
*ercolanii* Mont., 1893, 40.—1893: Dist. 1895: *D. (Dicrocoelium)*. 1901: *Telorchis*.  
*ericetorum* Linst., 1898, 761, t. h. *Xerophilus ericetorum*; near Göttingen, Germany.—1898: Cerc.  
*erinacei* E. Bl., 1847a, 300, t. h. *Erinaceus europæus*; Paris.—1847: *Brachylæmus*. [1850: Dist. *lingueforme*.] 1889: Dist. [1898: *Mesogonimus*.]  
*erinaceum* Poir., 1886, 37, t. h. *Delphinus delphis*.—1886: Dist. 1892: *D. (Dicrocoelium)*. [1899: ? *Astia*.] 1904: *Astiotrema*.  
*eriosis* Mueller, 1784, 92; [1788], 42, t. h. *Salmo eriox*.—[1788]: Fasc. 1803: Dist. [1850: *D. hyalinum*.]  
*erraticum* Rud., 1819a, 120, t. h. *Fringilla linaria*, *Motacilla alba*, *Parus cœruleus*, *P. major*, *P. palustris*, *P. pendulinus*.—1819: Dist. 1899: *Plagiorchis*.  
*erraticum* Rud., 1808a, 458; 1809a, 344, t. h. *Larus septentrionalis*; Greifswald, Europe.—1808: Amphist. 1845: Holost.  
*erythrini* Ben. & Hesse, 1863, 115; 1864, 115, t. h. *Pagellus erythrinus*.—1863: *Microcotyle*.  
*erythrini* Braun, 1890a, 418, for *erythrini* (*Microcotyle*).  
*erythroptis* Dies., 1855a, 400, based on Cerc. *paludinae impuræ* Baer, 1827b, 655.—1855: *Cercariaeum*. 1858: *Histrionellina*.  
*esmarkii* Scott, 1901, 147, t. h. *Gadus esmarkii*; Shetland.—1901: *Octobothrium*.  
*esocis luci* Rud., 1809a, 438, based on Rud., 1803, 29.—1809: Dist.  
*euculus* McCrady, 1874, misprint for *euculus* (*Bucephalus*).  
*euryporum* Looss, 1896, 144, t. h. *Milvus parasiticus*; Cairo, Egypt.—1896: *Echinost.*  
*eurystomum* Linst., 1877, 183, t. h. *Anas clangula*.—1877: Dist. 1892: *D. (Dicrocoelium)*.  
*eustemma* Brand., 1888a, 65, *Eustemma caryophyllum* renamed, t. h. *Accipiter pileatus*; Brazil.—1888: Holost.  
*exacantha* Mont., 1891, 104, for *hexacantha* (*Placunella*).

- exachanthus* Massa, 1903, 255, for hexacanthus (Trochopus).
- exasperatum* Rud., 1819a, 117, t. h. *Sorex eremita*; Mus. Vienna.—1819: Dist. 1819: D. (Echinost.). 1845: D. (Brachylaimus).
- excavata* Rud., 1803a, 28, t. h. "Storch," *Ardea ciconia*; Greifswald.—1803: Fasc. 1809: Dist. 1819: Holost. 1819: Amphist. 1850: Hemist.
- excavatum* Nord., in Dies., 1850a, 428, renamed *nordmanni* 1850, in *Brama mediterranea*.—1850: Trist. [1850: Encotyllabe *nordmanni*.]
- excisiforme* Cohn, 1902k, 54, t. h. *Scomber scomber*.—1902: *Lecithocladium*.
- excissum* Mont., 1891, 520, for *excisum* (Apoblema).
- excisum* Rud., 1819a, 112, t. h. *Scomber scomber* at Arimini; *S. colias* at Naples.—1819: Dist. 1828: Fasc. 1845: Dist. (Crossodera). 1886: D. (Apoblema). 1889: Apoblema. 1899: *Hemiurus*. 1901: *Lecithocladium* (type). 1902: D. (*Lecithocladium*).
- excisum* Linst., 1906, 12, t. h. *Ægolius otus*, *Strix flammea*.—1906: Holost.
- exfoliata* Moul., 1856a, 87, new name for Dist. of *Leucochloridium paradoxum*.—1856: Cerc.
- exigua* Looss, 1896, 230, t. h. *Cleopatra bulimoides*; Egypt.—1896: Cerc.
- exiguum* Mueh., 1898, 17, t. h. *Circus rufus*.—1898: Dist. 1898: *Opisthorchia*. 1899: *Holometra* (type).
- exiguum* Mehlis in Crep., 1846, 145, t. h. *Cygnus musicus*.—1846: Holost.
- exile* Stoss., 1902, 17, t. h. *Totanus ochropus*.—1902: *Cyclocælum*.
- exilis* Looss, 1899b, 628, t. h. *Bagrus bayad*; Cairo, Egypt.—1899: *Leptalea* (type). 1900: *Emoleptalea* (type).
- exocati* Par. & Perugia, 1893, 1, includes *Monost. filum* G. Wagener [not Duj.], t. h. *Exocætes volitans*; Genova.—1893: *Didymozoon*.
- expansum* Crep., 1842, 327, t. h. *Aquila haliaëtus*.—1842: *Monost.* 1892: Dist. 1901: *Tocotrema*. 1903: *Scaphanocephalus* (type).
- explanatum* Crep., 1847, 34, t. h. *Bos taurus indicus*; Berlin.—1847: Amphist. 1904: *Paramphist.*
- espinosum* Hausmann, 1896, 391, t. h. *Barbus fluviatilis*.—1896: Dist. [D. *perlutum*.] 1899: *Asymphyllodora*.
- faba* Bremser in Schmalz, 1831, 11, t. h. *Parus major*, *Silvia sibilatrix*, *Motacilla boarula*.—1831: *Monost.* 1860: *Wedlia*. 1904: *Monostromum*, misprint.
- fabaceum* Dies., 1838, 189, in *Manatus australis*: 1839a, 236, in *Manatus exunguis*; at Borba and Forte do Rio Branco, Brazil.—1839: Amphist. 1901: *Chiorchis* (type).
- fabenii* Mol., 1859, 289, t. h. *Cantharus vulgaris*; Batavii.—1859: Dist. 1886: D. (Brachylaimus).
- factum* Mont., 1893, 32, misprint for *fractum* (Dist.).
- falcatus* Wedl., 1857, 258, t. h. *Cyprinus* sp.—1857: *Gyrodaetylus*. 1858: *Dactylogyrus*.
- falcolacæ* Leidy MS. in Stiles & Hass., 1894d, 250.—1894: Dist. [probably *trapezium*].
- falconis chrysaëti* Rud., 1809a, 429, D. *felleum falconis chrysaëti*; Viborg.—1809: Dist.
- falconis milvi* Rud., 1809a, 429, for Fasc. *milvi* Gmelin.—1809: Dist.
- falconis potumba* Baird, 1853a, 47.—1853: Amphist. [1853: Holost. *macrocephalum*.]
- falconis palumbarii* Rud., 1819a, 88, syn. of *macrocephalum* (Amphist.).
- falconis palumbi* Viborg, 1795, 243.—1795: *Strigea*. 1809: Amphist.
- falconis peregrini* Rud., 1819a, 92, t. h. *Falco peregrinus*; Berlin, Germany.—1819: Amphist.
- falconis rufi* Rud., 1819a, 119, t. h. *Falco rufus*; Cat. Ent. Vien.—1819: Dist. [1850: D. *lineola*.]
- falconum* Dies., 1858, 322, t. h. *Falco nisus*, *F. rufus*; Ireland.—1858: Holost.
- fallax* Rud., 1819a, 117, t. h. *Uranoscopus scaber*; Naples.—1819: Dist. (Echinost.). 1860: Echinost. 1899: *Anoiktost.* 1901: *Anisogaster* (type). 1902: *Anisocladium* (type).
- fallax* Dies., 1850a, 297, Cerc. VII Baer, *C. echinata* Sieb., Dist. *pacifica* Steenstrup, renamed; t. h. *Paludina vivipara*; *Regiomontii* (Baer).—1850: Cerc. 1855: C. (Eucerc.). [1858: Dist. *militare*.] 1858: C. (*Gymnocephala*).
- fallax* Wagener, 1857, 55, t. h. *Cyprinus erythrophthalmus*, *C. rutilus*.—1857: *Dactylogyrus*.

- farionis* Mueller, 1784, 91, t. h. *Salmo fario*; [1788], 42.—[1788]: Fasc. [1814: Dist. laureatum.] 1891: Dist.
- fasciata* Haswell, 1887a, 284, t. h. *Astacopsis serratus*; N. S. Wales.—1887: Temnocephala.
- fasciatum* Rud., 1819a, 97, t. h. *Labrus tinca*, *L. merops*, *Perca marina*; Naples.—1819: Dist. 1886: D. (*Dicrocoelium*). [1899: *Creadiinae*.] 1901: *Allocreadium*. 1902: *Helicometra*. 1902: *Loborchis*.
- fasciatus* Stoss., 1902, 25, t. h. *Numenius arquatus*; locality?—1902: *Haematotrephus*.
- fascicularis* Villot, 1875, 480, t. h. *Nassa reticulata*; Roscoff.—1875: Cerc.
- fasciolaris* Mueller, 1788.—1788: *Hirudo*. [1790: Fasc. *anatis*.] [1850: Dist. *ovatum*.]
- fastosum* Braun, 1901g, 896, t. h. *Caprimulgus* sp., *Squatarola helvetica*; Brazil.—1901: *Stomylotrema*.
- felineum* Rivolta, 1884, 20, t. h. *Felis catus* dom.; Italy.—1884: Dist. 1893: D. (*Dicrocoelium*). 1895: *Opisthorchis* (type). 1896: *Dicrocoelium*. [1896: *Prosthometra*, type.] 1898: *Campula*. —: Dist. (*Opisthorchis*).
- felineum* of Ward, 1895, 152, see *pseudofelineum*.—1895: Dist.
- felinum* Ratz, 1896, 67, misprint for *felineum* (Dist.).
- felleum falconis chrysaeti* Viborg, 1795, 243.—1795: Dist. [1850: D. *crassiusculum*.]
- fellis* Olss., 1868, 44, t. h. *Anarhichas lupus*.—1868: Dist. 1886: D. (*Brachylaimus*).
- ferocis* Mont., 1888a, 14, apparently for *ferox* (Dist.).
- ferox* Rud., 1795a, 15, t. h. *Ardea ciconia*; Greifswald.—1795: Fasc. 1803: Dist. 1809: D. (*Echinost.*). 1828: *Echinost.*
- ferruginosum* Linst., 1877, 184, t. h. *Barbus fluviatilis*.—1877: Dist. [1894: D. *perlutum*.]
- ferrum-equinum* Dies., 1836d, 238, t. h. *Cataphractus murica*, *C. corome*; Cuyaba and Matogrosso, Brazil.—1836: *Amphist.*
- festæ* Borelli, 1898, 6 pp.—1898: Plan.
- filaria* Bosc, 1802a, 261.—1802: Plan.
- filarina* Ben., 1858 or 1861, 108, t. h. *Sciæna aquila*; Ostend.—1858: *Nematobothrium* (type). 1859: *Monost.*
- filicolle* Rud., 1819a, 85, t. h. *Brama raji*; Naples.—1819: *Monost.* (*Monost.*). 1858: Dist. 1860: *Köllikeria* (type). 1886: D. (*Köllikeria*).
- filicolle* Mont., 1893, 150.—1893: *Didymozoon*.
- filiferum* Sars, 1885, 222, t. h. *Nematoscelis megalops*, *Thysanoessa gregaria*; South Atlantic Ocean.—1885: Dist.
- filiforme* Rud., 1819a, 112, t. h. *Cepola tænia*, at Arimini; *C. rubescens*.—1819: Dist.
- filigerum* Rud., teste Risso, 1826, 262, de la castagnolle.—1826: *Monost.*
- filum* Duj., 1845a, 418, t. h. *moineaux*; Rennes.—1845: Dist. (*Brachylaimus*).
- filum* Duj., 1845a, 362, t. h. *Scomber scombrus*; Rennes.—1845: *Monost.*
- fimbriata* Goeze, 1782a, 180.—1782: Fasc. [1810: *Caryophyllæus mutabilis*.]
- fimbriatum* Busch, 1851, 99, t. h. *Sagitta*.—1851: Dist.
- fimbriatum* Mol., 1859, 819, t. h. *Anguilla vulgaris*; Batavii.—1859: *Gasterost.*
- fimbriatum* Sieb., 1848, v. 1, 129, t. h. *Perca fluviatilis*, *Lucioperca*; Europe.—1848: *Gasterost.* (type).
- fintæ* Ben. & Hesse, 1863, 1864, 101, t. h. *Alosa finta*.—1863: *Ophicotyle* (type). 1879: *Octobothrium*.
- fintæ* Mont., 1888a, 13.—1888: *Glossocotyle*.
- fissa* Bory de St. Vincent, 1824a, 456.—1824: *Histrionella*. [1850: *Malleolus furcatus*.]
- fissicanda* Moul., 1856a, 109, for *fissicauda* (Cerc.).
- fissicauda* Dies., 1858d, 243, *cristata* Valette renamed.—1858: *Lophocerc.* (type).
- fissicauda* Dies., 1858d, 269, *ocellata* (Cerc.) renamed.—*Histrionellina*.
- fissicauda* La Valette, 1855, 21, t. h. *Limnæus stagnalis*.—1855: Cerc. 1858: C. (*Schizocerca*).
- fissicaudata* Mont., 1888, 196, for *fissicauda* (Cerc.).
- flaccida* Mueller, 1774, 57, free form.—1774: Fasc. 1776: Plan.
- flagellatum* Moniez, 1891, 27, t. h. *Gymnotus electricus*.—1891: Dist.
- flava* Stoss., 1903, 373, t. h. *Centropristis hepatus*; Trieste.—1903: *Helicometra*.

- flava* La Valette, 1855, 24, C. ephemera Nitzsch renamed.—1855: Cerc. 1858: Glenocerc. 1858: Monost. [See flavum.]
- flavescens* Ben., 1870, 47, t. h. Gobius jozo, G. minutus.—1870: Dist. 1886: D. (Brachylaimus).
- flavescens* Pag., 1857, 34, t. h. Bulimus radiatus; Heidelberg.—1857: Dist. 1858: Cercariaeum.
- flavocinctum* Linst., 1879, 183, t. h. Anguis fragilis.—1879: Dist. [1897: D. crassicolle.]
- flavopunctata* Par., 1894, 703, for fulvopunctata (Cerc.).
- flavum* Mehlis, 1831, 172, t. h. Anas mollissima, A. fusca, A. marila, A. fuligula.—1831: Monost. 1858: Glenocerc. 1902: Typhlocœlum (type). [See flava.]
- flexum* Lint., 1892, 98, t. h. Oedemia americana.—1892: Dist. 1899: Echinost.
- flexuosum* Rud., 1808a, 346; 1809a, 50, t. h. Talpa europæa.—1809: Dist. 1845: D. (Dicrocœlium). 1899: Omphalometra (type).
- fodicans* Braun, 1901g, 896, t. h. Sterna nigra; Vien. Mus. no. 631.—1901: Cathæmasia.
- fecundum* Lint., 1900, 269, t. h. Lopholatilus chamaeleonticeps.—1900: Dist.
- fœtorii* Linst., 1876, 1, t. h. Fœtorius putorius.—1876: Tetracotyle.
- foliaceum* Mol., 1859, 288, t. h. Gobius paganellus; Batavii.—1859: Dist.
- foliaceum* Rud., 1819a, 83, t. h. Accipenser sturio; Arimini.—1819: Monost. (Monost.). 1859: Amphilina.
- foliaceum* Goto, 1894a, 248, host unknown.—1894: Trist.
- foliatum* Lint., 1898, 532, t. h. Mola mola.—1898: Dist. 1902: Orophocotyle. 1904: Accacœlium.
- folii* Looss, 1894a, 256, Dist. duplicatum.—1894: Cerc.
- foliiforme* Crep., 1846, 149, t. h. Squalus griseus.—1846: Dist.
- foliiforme* Braun, 1899g, 490, t. h. Ardea purpurea; Italy.—1899: Clinost.
- folium* Olfers, 1816, 45, t. h. Esox lucius.—1816: Dist. [1894: Rhopalocerca tardigrada, type.] 1899: Spathidium (type). 1899: Phyllodist. (type). [1906: Gorgoderina.]
- forceps* Leuck. (1857), 26.—1857: Dactylogyrus.
- forcipata* Mueller, 1786, 134, in aqua palustri rarissime.—1786: Cerc. 1827: Dicranophorus.
- formosum* Sons., 1890, 134, t. h. Grus cinerea.—1890: Dist. 1892: Polyorchis.
- formosum* Staff., 1904, 486, t. h. Hippoglossus hippoglossus; Canada.—1904: Steganoderma (type).
- formosum* Pratt, 1903, 34, t. h. a frog.—1903: Ostiolum (type).
- fractum* Rud., 1819a, 107, t. h. Sparus salpa; Naples.—1819: Dist. 1886: D. (Podocotyle). 1898: Podocotyle.
- fragile* Lint., 1900, 269, t. h. Mola mola.—1900: Dist. 1904: Stenocollum (type).
- fragile* Olss., 1869, 4, t. h. Raja batis; Norway.—1869: Microbothrium. 1890: Pseudocotyle. [1897: Micropharynx parasitica, type.]
- fraterculus* Odhn., 1905, 343, t. h. Phoca barbata, Odobenus rosmarus; Spitzbergen.—1905: Orthosplanchnus.
- fraterna* Odhn., 1902, 19, t. h. Harelda glacialis.—1902: Cyathocotyle.
- fraternum* Looss, 1894, 42, t. h. Pelecanus onocrotalus; Egypt.—1894: Dist. 1899: Cœnagonimus. 1899: Cotylogonimus. 1902: Heterophyes.
- frælichii* Kowal., 1894, 3.—1894: Dist. 1894: Echinost. [1898: E. conoideum.]
- fulgopunctata* Braun, 1893a, 831 for fulvopunctata (Cerc.).
- fuligula ferinæ* Dies., 1858e, 355, based on Bellingham, 1844, v. 13, 430, t. h. Anas ferina; Ireland.—1855: Dist. [1892: Echinost. echinatum.]
- fulva* Bosc., 1802a, 257.—1802: Plan.
- fulvopunctata* Erc., 1881 or 1882, see Par., 1894, 161, t. h. Bythinia tentaculata; Bologna.—Cerc.
- fulvum* Rud., 1819a, 98, t. h. Gadus molva at Naples; G. mediterraneus.—1819: Dist.
- fulvum* Duj., 1843, 340, t. h. Sorex.—1843: Brachylaima.
- furcata* Nitzsch, 1817, 49.—1817: Cerc. 1838: Malleolus (type).
- furcatum* Bremser in Rud., 1819a, 107, t. h. Mullus surmuletus, M. rubescens at Arimini; Gadus molva at Naples.—1819: Dist. 1828: Fasc. 1845: D. (Podocotyle). 1898: Podocotyle.

[*furcata* Eichwald, 1829a, 247.—Cerc.]

*furcigerum* Olss., 1868, 26, t. h. *Pleuronectes limanda*, *P. limandoides*.—1868: Dist. 1886: D. (*Dicrocoelium*). 1904: *Leioderma* (type). 1905: *Steringophorus* (type).

*fusca* Bosc., 1802, 271, in dorade.—1802: Fasc. 1885: Dist.

[*fusca* Sluiter, 1900, 7, (Dist.), a tunicate.]

*fusca* Pallas, 1774, 21, in aq. stag.; Europe.—1774: Fasc.

*fusca* Fabricius, 1798, 58, syn. Fasc. *angulata*.—1798: Plan.

[*fusca*, (*Diplost.*) mammal.]

*fuscatum* Rud., 1819a, 101, t. h. *Tetrao coturnix*; Ancona.—1819: Dist. —: D. (*Dicrocoelium*). 1902: Harmost.

*fuscens* Rud., 1819a, 113, t. h. *Sparus dentex*; Arimini.—1819: Dist. 1886: D. (*Dicrocoelium*).

*fuscens* Fabricius, 1798, 58.—1798: Plan.

*fusiforme* Luehe, 1901, 476, t. h. *Conger conger*; Coll. Berlin.—1901: *Lecithochirium*.

*fusiforme* Zed., 1800a, 163, Fasc. *upupæ* Schrank, 1790, renamed.—1800: Dist. [1850: D. *involutum*.]

*fusiiformis* Goto, 1894a, 192, t. h. *Centronotus rubulosus*; Japan.—1894: *Microcotyle*.

*gadi* Dies., 1855, 64, based on Bellingham, 1844, 428, t. h. *Gadus æglefinus*; Ireland.—1855: Dist.

*gadi æglefini* Dies., 1858e, 341, based on Bellingham, 1844, 428; renamed *anonymum* 1858e, 341.—1858: Dist.

*gadorum* Ben., 1870, 60, t. h. *Merlangus carbonarius*.—1870: *Echinost.*

*gadorum* Rathke, 1799, 68.—1799: *Hydatula*. 1851: *Nematoideum*. 1878: *Gasterost.*

*galactosomum* Leidy, 1888i, 166, t. h. *Labrax lineatus*; U. S. A.—1888: Dist.

*galeatum* Rud., 1819a, 86, t. h. *Centronotus glaucus*; Naples.—1819: *Monost.* (*Monost.*). 1898: *Gasterost.*

*gammari* Rentsch, 1860, 35, t. h. *Gammarus ornatus*.—1860: Dist.

*gammari* Linst., 1877, 186, t. h. *Gammarus pulex*.—1877: Dist.

*gammari ornati* Rentsch, 1860, pl. 12, fig. 2, see *gammari* (Dist.).

*garzettæ* MacCallum, 1904, 541, t. h. *Garzetta nigripes* Temm.—1904: *Echinost.*

*gastrocolum* Leidy, 1891a, 414, t. h. *Trichiurus lepturus*; U. S. A.—1891: Dist.

*gastroporus* Luehe, 1901p, 166, t. h. *Rana cyanophlyctis*; India.—1901: *Pleurogenes*.

*gelatinosum* Rud., 1819a, 102, t. h. *Testudo mydas*; Arimini.—1819: Dist. 1895: D. (*Dicrocoelium*). 1901: *Rhytidodes* (type).

*gelatinosum* of Poir., see *poirieri*.

*gemellatum* Mont., 1892, 716, for *gemellum* (*Monost.*).

*gemellum* Steenstrup, 1860, 113, t. h. *Sphyræna baracuda*.—1860: *Monost.*

*geminum* Bremser in Schmalz, 1831, 13, for *M. faba*.—1831: *Monost.* [1853: *M. faba*.]

*geminum* Looss, 1896, 50, t. h. *Milvus parasiticus*; Cairo.—1896: Dist. 1898: *Opisthorchis*.

*genata* Looss, 1907, 488, t. h. *Pelecanus onocrotalus*; Egypt.—1907: *Pygidiopsis* (type).

*geniculatum* Dies., 1850a, 373, D. *physophoræ* renamed, t. h. *Physophora tetrasticha*; Naples.—1850: Dist.

*genu* Rud., 1819a, 107, t. h. *Labrus luscus*; Naples.—1819: Dist. 1901: *Allocreadium*.

*gesserensis* Bosc, 1802a, 262.—1802: Plan.

*giardi* Stoss., 1898, 50, for *giardii* (Dist.).

*giardii* Stoss., 1889, 25, t. h. *Naucrates ductor*; Trieste.—1889: Dist.

*gibba* Mueller, 1773, 120, in infusione *jungermanniæ tamarisci*.—1773: Cerc. 1827: *Macrocerus*.

*gibba* Fil., 1854b, 266, t. h. *Lymnæus pereger*.—1854: Cerc. 1855: C. (*Xiphidiocerc.*). 1858: C. (*Acanthocephala*).

*gibbosa* Rud., 1802b, 81, t. h. *Esox belone*.—1802: Fasc. 1809: Dist. 1845: D. (*Podocotyle*). 1901: *Lecithaster*.

*gibbum* Mehlis in Crep., 1846, 137, t. h. *Fulica atra*.—1846: *Monost.*

*gigantum* Dies., 1858e, 331, *gigantica* Cobbold, 1855, renamed.—1858: Dist. 1892: *Cladocelium*.

- giganteum* Dies., 1836d, 238, pl. 22, figs. 5-6, t. h. *Dicotyles albirostris* at Nas Frechas and Caiçara, and *D. torquatus* at Matogrosso; Brazil.—1836: Amphist. 1901: *Cladorchis* (*Stichorchis*, type).
- gigantica* Cobbold, 1855a, 262, t. h. *Giraffa camelopardalis*.—1855: Fasc.
- gigantocotyle* Brand., in Otto, 1896, 103, t. h. *Hippopotamus*.—1896: Amphist.
- gigas* Nardo, 1827, 68, t. h. *Proctostegus proctostegus*.—1827: Dist.
- glabrum* Crep., 1846, 148, t. h. *Salamandra maculosa*.—1846: Dist.
- glandulosum* Loos, 1896, 64, t. h. *Taphosus nudiventris*; Ghizeh.—1896: Dist. 1899: *Lecithodendrium*.
- glauca* Mueller, 1774, 60.—1774: Fasc. 1787: Plan.
- glauca* Bergh, 1884, 18, t. h. *Glaucus atlanticus*, etc.—1884: Dist.
- globicaudatum* Crep., 1849a, 64, for *globocaudatum* (Dist.).
- globifera* Lamarck, 1816, 182, for *globipora*.—1816: Fasc. 1816: Dist.
- globiparum* Ehrenberg, 1837b, Feb., 199, for *globiporum* (Dist.).
- globipora* Rud., 1802b, 72, t. h. *Cyprinus erythrophthalmus*.—1802: Fasc. 1809: Dist. 1845: D. (*Brachylaimus*). 1886: D. (*Dicrocoelium*). 1898: *Sphaerost.* (type).
- globipora* Erc., 1881 or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—Cerc.
- globiporum tincæ* Rud., see Dies., 1850a, 395.—1850: Dist. [1850: D. *perlutum*.]
- globocaudatum* Crep., 1825, 49, t. h. *Corvus cornix*.—1825: Dist. 1845: D. (*Brachylaimus*).
- globosum* Ben., 1858a, 1861a, 193, quotes Siebold.—1858: Dist. [See also D. *orbiculare*.]
- globulus* Rud., 1814a, 104, t. h. *Anas fuligula*; Greifswald.—1814: Dist. [1902: *Psilost.*]
- glottoides* Klein, 1905, 72, t. h. *Rana hexadactyla*.—1905: Ganeo (type).
- gobii* Rentsch, 1860, 43, t. h. *Gobius minutus*.—1860: Dist.
- gobii* Stoss., 1883, 116, t. h. *Gobius jozo*, in int.; Triest.—1883: Dist. 1886: D. (*Dicrocoelium*). 1902: *Loborchis*. 1904: *Helicometra*.
- gobii* Stoss., 1898, 58, encysted on intest. of *Gobius jozo*; Triest, Austria.—1898: *Agamodist.*
- gobii minuti* Rentsch, 1860, for *gobii* Rentsch (Dist.).
- goliath* Ben., 1858b, 95, t. h. *Balæna*.—1858: Dist. [1902: *Lecithodesmus* (?type).] 1905: *Lecithodesmus* (type).
- goliath* of Lœnnberg, 1891, 71.—Dist. [1902: *Lecithodesmus* (type).]
- gonocephala* Ackermann, 1905, 137.—1905: Plan.
- gorgoderæ cygnoides* Kowal., 1904, 24, in *Cyclas cornea*; Dublany.—1904: Cerc.
- loossi* (Cerc.) Ssintizin, 1905, see under loossi.
- pagenstecheri* (Cerc.) Ssintizin, 1905, see under pagenstecheri.
- varsoviensis* (Cerc.) Ssintizin, 1905, see under varsoviensis.
- vitelliloba* (Cerc.) Ssintizin, 1905, see under vitelliloba.
- gorgon* Lint., 1905, 327, t. h. *Seriola lalandi*; Beaufort, N. C.—1905: Gasterost.
- gracile* Fischder., 1901a, 368, t. h. *Bos kerabau* from Ceylon; *Portax tragocamelus*.—1901: Paramphist.
- gracile* Leidy, 1856, 45, t. h. *Pomotis vulgaris*, *Esox*.—1856: Clinost. (type). 1858: Dist.
- gracile* Rud., 1809a, 326, based on Acharius, 1790, 55, t. h. *Salmo eperlanus*.—1809: Monost. (Hypost.).
- gracile* Rud., 1819a, 89, t. h. *Mergus merganser*, *M. albellus*; Mus. Vienn.—1819: Amphist. 1845: Holost.
- gracilescens* Rud., 1819a, 111, t. h. *Lophius piscatorius*; Triest.—1819: Dist. 1852: Gasterost. 1858: *Rhipidocotyle* (?type). [*Bucephalus haimeanus*.]
- gracilis* Fil., 1837, 336, t. h. *Planorbis nitidus*; Italy.—1837: Redia (type). [1855: *Diplocotyle mutabilis*.]
- gracilis* Kath., 1894a, 129, t. h. see p. 278.—1894: *Gyrodactylus*.
- gracilis* La Valette, 1855, 20, t. h. *Planorbis corneus*.—1855: Cerc. 1858: C. (*Schizocerca*).
- gracilis* Wedl, 1861, 480, t. h. *Hydrocyon dentex*.—1861: *Dactylogyrus*.

- gracilis* Looss, 1901e, 660, t. h. *Uranoscopus scaber*; Triest.—1901: *Anisogaster*.
- grande* Dies., 1839a, 237, t. h. *Chelys*, *Phrynos*, *Peltocephalus*, *Podocnemis*, *Rhinemys*; Brazil.—1839: *Amphist*.
- grande* Rud., 1819a, 676–677, t. h. *Platalea ajaja*; Brazil.—1819: *Dist*. 1902: *Mesaulus* (type).
- grande* Dies., 1850a, 307, t. h. *Ardea leuce*, *A. agami*; Brazil.—1850: *Diplost*. 1890: *Hemist*. [1890: *H. macropterum*.]
- grandiporum* Rud., 1819a, 110, t. h. *Muraena helena*; Naples.—1819: *Dist*. 1886: *D. (Apoblema)*. 1889: *Apoblema*. 1899: *Hemiuirus*. 1901: *Lecithochirium*.
- granulosum* Looss, 1907, 483, t. h. *Vesperugo kuhli*; Cairo, Egypt.—1907: *Lecithodendrium*.
- granulum* Rud., 1809a, 394, includes *Fasc. scorpii* Mueller; t. h. *Cottus scorpius*.—1809: *Dist*.
- grassum* Biermer, 1863a, 395, for *crassum* (*Dist*.).
- gregarius* Looss, 1896b, 5, t. h. Egyptian buffalo; Egypt.—1896: *Gastrothylax*.
- grisea* Cerf., 1899a, 376, t. h. *Hexacanthus griseus*.—1899: *Squalonchocotyle*.
- grisea* Bosc, 1802, 257.—1802: *Plan*.
- grœnlandicus* Levin., 1881a, 78, t. h. *Cottus scorpius*; Egedesminde.—1881: *Gyroductylus*.
- grossa* Mueller, 1774, 67.—1774: *Fasc*. 1776: *Plan*.
- grossa* Mueller, 1788, 21.—1788: *Hirudo*. 1865: *Phylline*. 1828: *Malacobdella*.
- grossa* Goto, 1894a, 220, t. h. *Thynnus* sp.; Misaki, Japan.—1894: *Hexacotyle*.
- gruis* Gmelin, 1790a, 3055, t. h. *Grus*.—1790: *Fasc*. 1803: *Dist*. [1850: *D. echinatum*.]
- guernei* Moniez, 1891, 148, t. h. *Thynnus alalonga*; Europe.—1891: *Nematobothrium*.
- gulo* Mueller, 1774, 56, free form.—1774: *Fasc*. 1776: *Plan*.
- gulosum* Lint., 1901, 415, t. h. *Rhombus triacanthus*.—1901: *Dist*.
- gurltii* Cobbold, 1860a, 42, t. h. *Lacerta agilis*.—1860: *Monost*.
- gurnardi* Ben. & Hesse, 1863, 1864, 103, t. h. *Trigla gurnardus*.—1863: *Phyllocotyle* (type).
- gurnardi* Ben. & Hesse, 1863, 1864, 96, t. h. *Trigla gurnardus*.—1863: *Platycotyle* (type).
- [*gutturalis* (*Bucephalus*), reptile.]
- gyrini* Linst., 1884, 141, t. h. tadpole of *Rana temporaria*.—1884: *Dist*.
- gyrinus* Mueller, 1773, 64, in infusioni animali raro.—1773: *Cerc*. 1827: *Macrocerus*.
- hæmatobe* Ben., 1858a, 1861a, 219, for *hæmatobium* (*Dist*.).
- hæmatobia crassa*, see *crassa*.—1895: *Bilharzia*.
- hæmatobia magna* Kowal., 1895, see *magna*.—1895: *Bilharzia*.
- hæmatobium* Bilharz, 1852a, 72, t. h. *Homo*; Egypt.—1852: *Dist*. 1858: *Schistosoma* (type). 1858: *Gynæcophorus* (type). 1859: *Bilharzia* (type). 1860: *Thecosoma* (type). 1886: *D. (Bilharzia)*. [*Hæmatobium*.]
- hæmatobium venæ portarum* Høek or Pag., 1859, 42, for *hæmatobium* (*Dist*.).
- hæmatobium hominis* Dies., 1855, 63, for *hæmatobium*.—1855: *Dist*. [1895: *Bilharzia*.]
- hematoma* Braun, 1891d, 426, see *hematoma* (*Dist*.).
- haimeanus* Lacaze-Duthiers, 1854a, 294, t. h. *Ostrea edulis*, *Cardium rusticum*; Balearic Isles, Mahon, Cetta.—1854: *Bucephalus*. 1855: *B. (Bucephalopsis)*, (type). 1856: *Cerc*. [*Gasterost. grascilescens*.]
- haimejanus* Erc., 1881e, 41, 87, for *haimeanus* (*Bucephalus* = *Cerc*.).
- halecis* Gmelin, 1790a, 3058, based on Leeuwenhoek, epist. 97, 47, t. h. *halece*.—1790: *Fasc*. 1803: *Dist*. [1809: *Dist. ocreatum*.]
- halosauri* Bell, 1887, 116, t. h. *Halosaurus macrochis*; Cape St. Vincent. 1887: *Dist*.
- hamatum* Rathke, 1843, 238, “for *Phylline hippoglossi*,” on *Pleuronectes hippoglossus*; Europe.—1843: *Trist*. [1850: *Phylline hippoglossi*.] [1858: *Epibdella hippoglossi*.] [1879: *Trist. hippoglossi*.]
- hæmatobia* Kowal., 1895g, 58, for *hæmatobia* (*Bilharzia*).
- harengi* Ben. & Hesse, 1863, 1864, 98, t. h. *Clupea harengus*.—1863: *Octocotyle*. 1879: *Octobothrium*. 1889: *Octoplectanum*.
- hassalli* Goto, 1895, 352, t. h. *Kinosternon pennsylvanicum*; Md., U. S. A.—1895: *Polyst*.



- hasta* Looss, 1902m, 686, t. h. *Chelone mydas*; Egypt.—1902: Octangium.
- haukesi* Sons., 1895, 187, for *hawkesii*, Amphist. (*Pseudodiscus*).
- hawkesi* Braun, 1893d, 466, for *hawkesii* (Amphist.).
- hawkesii* Cobbold, 1875n, 818, t. h. *Elephas indicus*; India.—1875: Amphist. 1895: A. (*Pseudodiscus*).
- helicis* Meckel [? see *helicis pomatixæ*]. Cercariæum. [1899: Dist. leptosomum.]
- helicis* Leidy, 1847, 220, t. h. *Helix alternata*.—1847: Dist. [1855: Cercariæum *helicis alternatæ*.] [1858: Cercariæum *vagans*.]
- helicis alternatæ* Dies., 1855a, 389, Dist. *helicis* Leidy 1847 renamed.—1855: Cercariæum.
- helicis asperæ* Dies., 1850a, 302, t. h. *Helix aspera*, based on Duj., 1845a, 472.—1850: Heterost. 1850: Dist. 1855: Cercariæum.
- helicis asperæ* Dies., 1855a, 398, for *helicis asperæ*.—1855: Heterost. 1855: Cercariæum. 1856: Cerc.
- helicis carthusianellæ* Par., 1894, 164, t. h. *Helix carthusianella*; Bologna.—1894: Cerc.
- helicis maculosæ* Par., 1894, 164, t. h. *Helix maculosa*; Bologna.—1894: Cerc.
- helicis pomatixæ* Dies., 1850a, 303, based on Meckel, 1846, 5, t. h. *Helix pomatia*.—1850: Heterost. 1850: Dist. 1855: Cercariæum.
- helicis viviparæ* Dies., 1850a, 298, t. h. *Paludina vivipara*; Vilnæ.—1850: Cerc.
- helluo* Mueller, 1774, 64.—1774: Fasc. 1787: Planaria.
- helostomatis* MacCallum, 1905, 673, t. h. *Helostoma temmincki*; Palembang, Sumatra.—1905: Cladorchis.
- heliuans* Braun, 1899g, 490, t. h. *Ardea coerulea*, *Nycticorax gardeni*; Rio de Janeiro.—1899: Clinost.
- hematoma* Semprum, 1890, 596, in *Homo*; Cuba.—1890: Dist.
- hemirychium* Mol., 1859, 829, t. h. *Belone acus*; Batavii.—1859: Dist. 1886: D. (*Echinost.*).
- hendorfii* Lint., 1889, 163, t. h. *Coryphæna hippurus*; Caleta buena, Chile.—1889: Phylline. 1894: Epibdella. 1902: E. (Phylline). 1903: E. (*Benedenia*).
- hendorfi* Mont., 1902, 144, for *hendorfii* (*Epibdella*).
- hepatica* Roederer, 1762, 537, see *Fasc. muris*.
- hepatica* Linn., 1758a, 648, t. h. *Ovis aries*; Europe.—1758: Fasc. (type). —: Dist. (type). 1836: Dyst. 1845: Dist. (*Cladocœlium*, type). 1845: *Fasciolaria*. 1863: Dist. (*Fasc.*). 1892: *Cladocœlium* (type).
- hepatica angusta* Rail., 1895, 338, t. h. cattle; St. Louis, Senegal, Africa.—1895: Fasc. 1898: Dist.
- hepatica apri* Gmelin, 1790a, 3054, based on Le Clerc, 1715a, 119; t. h. *Sus scrofa*.—1790: Fasc.
- hepatica boum* Gmelin, 1790a, 3054, t. h. *Bos taurus*; Europe.—1790: Fasc.
- hepatica caviæ* Sons., 1896, 112, t. h. *Cavia*.—1896: Fasc.
- hepatica cervi* Gmelin, 1790a, 3054, t. h. *Cervus*.—1790: Fasc.
- hepatica equi* Gmelin, 1790a, 3054, t. h. *Equus caballus*.—1790: Fasc.
- hepatica ovata plana* Buchholzii Jærdens, 1802, 64.—1802: Fasc. [*Dicrocœlium lanceatum*.]
- hepatica porcorum* Gmelin, 1790a, 3054, t. h. *Sus scrofa* dom.; Europe.—1790: Fasc.
- hepaticum* Betegh, in Gomy, 1898, 328, for “amphistome hépatique” = A. *explanatum*.—1898: Amphist.
- hepaticum ægyptiaca* Looss, 1896b, 33, t. h. buffles, bœufs, moutons; Egypt.—1896: Dist. 1898: Fasc.
- hepaticum (perniciosum)* Taylor, 1884, 52, see *hepatis perniciosum*.—1884: Dist.
- hepaticum suis* Willach, 1893, 40, t. h. *Sus scrofa* dom.—1893: Monost. [1894: *Cysticercus tenuicollis*.]
- hepatis endemicum* Bælz, 1883, 234, t. h. *Homo*; Japan.—1883: Dist. [1907: *Clonorchis*.]
- hepatis innocuum* Caræes, 1888a, 41, for h. *innocuum* (Dist.).
- hepatis innocuum* Bælz, 1883, 236, t. h. *Homo*; Japan.—1883: Dist. [1907: *Clonorchis sinensis*.]

- hepatitis perniciosum* Baelz, 1883, 234, t. h. Homo; Japan.—1883: Dist. [1907: *Clo-norchis endemicum*.]
- hepatium* Rivolta, 1884, 27, for *hepaticum* (Dist.).
- herdmani* Shipley & Hornell, 1904, 78, t. h. *Margaritifera vulgaris*; Ceylon.—1904: Musalia (type).
- heteracanthus* Massa, 1903, see *heteracanthus* (Trochopus).
- heteracanthus* Massa, 1903, 252, t. h. *Trigla corax*.—1903: Trochopus.
- heterobranchi* Wedl, 1861, 478, t. h. *Heterobranchus anguillaris*; Egypt.—1861: Monocerca, type.
- heterocerca* Goto, 1894a, 197, t. h. *Seriola quinqueradiata*; Hiroshima (Ujina Port), Mitsugahama, and Mitsaki, Japan.—1894: Axine.
- heteroclitum* Mol., 1859, 289, t. h. *Perdix coturnix*; Batavii.—1859: Dist. 1892: Mesogonimus. 1899: Clinost.
- heterocotyle* Ben., 1870, 67, t. h. *Clupeasprattus*.—1870: Octost. 1879: Octobothrium. 1885: Octoplectanum.
- heterolecithodes* Braun, 1899, 3, t. h. *Porphyrio porphyrio*; Madagascar, Africa.—1899: Dist. 1899: Athesmia (type).
- heteromorphum* Crep., 1837a, 317, t. h. *Trigonocephalus* sp.—1837: Dist.
- heterophies* Perroncito, 1879, 6, for *heterophyes* (Dist.).
- heterophyes* Sieb., 1853, 62, t. h. Homo; Egypt.—1853: Dist. 1866: [Heterophyes, type.] 1858: Dicrocoelium. 1860: Fasc. 1890: Mesogonimus. 1899: Cœnogonimus (type). 1899: Cotylogonimus (type). 1900: Heterophyes (type).
- heterophyes hominis* Dies., 1855, 64, for *heterophyes*.—1855: Dist.
- heteroporum* Duj., 1845a, 402, t. h. *Vespertilio pipistrellus*; Rennes.—1845: Dist. (Brachycoelium). 1899: Pycnopus (type). 1899: Lecithodendrium.
- heterostomum* Rud., 1809a, 50, t. h. *Ardea purpurea*; t. l. apparently Europe.—1809: Dist. 1845: Dist. (Dicrocoelium). 1899: Clinost. 1899: Dicrocoelium.
- heurteli* Poir., 1885, 9, t. h. *Thynnus vulgaris*.—1885: Dist.
- hezacantha* Par. & Perugia, 1889, 740, t. h. *Serranus gigas*; Genova.—1889: Placunella. 1906: Trochopus.
- hians* Rud., 1809a, 359, t. h. *Ardea nigra*; Greifswald.—1809: Dist. 1845: Dist. (Dicrocoelium). 1899: Cathæmasia (type).
- hiatulæ* Goto, 1899a, 281, t. h. *Hiatula onitis*; Newport, R. I.—1899: Microcotyle.
- hillii* Johnston, 1904, 110, t. h. *Larus novæ hollandiæ*.—1904: Holost.
- himantopodis* Rud., 1819a, 87, t. h. *Charadrius himantopus*; Cat. Mus. Vien.—1819: Monost.
- hippocrepis* Dies., 1850a, 324, t. h. *Hydrochærus capybara*; Brazil. 1850: Monost.
- hippoglossi* Oken, see Tasch., 1878, 568.—1878: Trist. 1879: (Epibdella). 1899: Phyllonella.
- hippoglossi pleuronectes* Mont., 1889, 117 (Epibdella) see Trist. uncinatum.
- hippoglossi* Mueller, 1776a, 220 t. h. *Hippoglossus*; Denmark.—1776: Hirudo. 1815: Phylline (type?). 1828: Epibdella (type). 1878: Nitzschia. 1899: Phyllonella. 1905: Phyllonella (Epidella). [Entobdella.]
- hippoglossii* Ben., 1858a, 1861a, 21 for *hippoglossi* Mueller, 1776.—1858: Epibdella. 1858: Nitzschia. 1858: Nitchia. [1878: Trist.]
- hippopodii* Vogt, 1854, 97, t. h. *Hippopodius leteus*; Quoy et Gaimard, Mediterranean.—1854: Dist.
- hirudinis* Brand., 1888a, 13, for *hirudinis* (Dist.).
- hirsutum* Looss, 1896b, 68, t. h. *caméléon*; Alexandria, Egypt.—1896: Dist. 1899: Lecithodendrium.
- hirta* Mueller, 1786, 128, in aqua marina bis tantum.—1786: Cerc. 1827: Coleps, type.
- hirudinaceum* Bartels, 1834, 61, t. h. *Salmo lavaretus*; St. Petersburg.—1834: Octobothrium. 1845: Octobothrium (Cyclocotyle). [1850: Discocotyle.] 1858: Placoplectanum (Discocotyle).
- hirudinis* Mont., 1888, 10, for *hirudinis* (Echinella).
- hirudinis* Henle, see Dies, 1850a, 418, t. h. *Hirudo vulgaris*.—1850: Dist. [1850: Hepast. hirudinum.]
- hirundinum* Zed., 1800a, xvii, 163, for *hirudinis* Froelich.—1800: Dist. [1850: D. maculosum.] [1902: Plagiorchis maculosus].

- hirudinum* Schomburgk, 1844, 136, includes *hirudinis*, t. h. *Nephele vulgaris*, *Clepsine complanatum*.—1844: Heptost. (type). [Heptast.]
- hirudo* Dies., 1836d, 238, t. h. *Palamedea cornuta*; Engenho do Cap Gama, Brazil.—1836: Amphist.
- hirudo* Johnston, 1846a, 437.—Planaria.
- hirudinaceum* Dies., 1850a, 424, for *hirudinaceum* (*Discocotyle*).
- hirundinis* Frølich, 1791, 75, t. h. *Thurmschwalbe*.—1791: Fasc. 1800: Dist.
- hirundinis* Ben. & Hesse, 1863, 1864, 94, t. h. *Trigla hirundo*.—1863: *Echinella* (type). 1878: *Udonella*.
- hispida ventriculi accipenseris sturionis* Viborg, 1795, 243; see *hispidum*.—1795: Dist.
- hispidum* Abildg. in Rud., 1819a, 118, 423, t. h. *Accipenser sturio*; Arimini, Berlin.—1819: Dist. (*Echinost.*). 1858: *Echinost.* 1902: *Deropristis* (type).
- histiophori* Bell, 1891a, 534, t. h., *Histiophorus brevirostris*.—1891: Trist. [1899: T. læve.]
- histrionella* Ehrenberg.—Cerc.
- histriz* Dies., 1850a, 393, for *hystrix* (*Dist.*) Duj., 1845.—1850: Dist. 1904: *Stephanochasmus*.
- histriz* Mol., 1858, 128, t. h. *Pelophylax esculentus*; Patavii.—1858: Monost.
- hamatobia* Bourel-Roncière, 1878a, 116, for *hæmatobia* (*Bilharzia*).
- holostomoides* Mehli in Crep., 1846, 148, t. h. *Colymbus cristatus*.—1846: Monost. 1904: *Taphrogonimus*, type.
- holostomum* Rud., 1819a, 94, t. h. *Rallus aquaticus*; Vien. Mus.—1819: Dist. 1892: *Cladocœlium*. [1902: *Urogonimus macrostomus*.]
- homocœstomum* Dies., 1858, 343, based on Bellingham, 1844, 428, t. h. *Trigla* (*Pini*) *cuculus*; Ireland.—1858: Dist.
- hominis* Lewis & McConnell, 1876, 182, t. h. *Homo*; Calcutta, India.—1876: Amphist. 1895: A. (*Gastrodiscus*). 1896: *Gastrodiscus*.
- hominis* Dies., 1855, 63.—1855: Dist. *hæmatobium*.
- hominis* Dies., 1855, 64.—1855: Dist. *heterophyes*.
- hominis* Taylor, 1884, 44, see sub *Distomata*.
- homolostomum* Linst., 1887, 104, t. h. *Limnæa stagnalis*.—1887: Dist.
- horridum* Leidy, 1850, 303, t. h. *Boa constrictor*.—1850: Dist. 1895: D. (*Dicrocœlium*). 1899: *Plagiorchis*.
- horridus* Dies., 1850a, 400, t. h. *Didelphys myosurus*, D. *philander*; Brazil.—1850: *Rhopalophorus*. 1898: *Rhopalias*.
- hospes* Looss, 1907, 478, t. h. cattle; Cairo, Egypt, from Soudan.—1907: *Dicrocœlium*.
- hospitale* Staff., 1900, 403, t. h. *Diemyctylus viridescens*.—1900: Dist. 1902: D. (*Brachycœlium*). 1902: *Brachycœlium*.
- humana* Gmelin, 1790a, 3053, t. h. *Homo*.—1790: Fasc.
- hyalinum* Rud., 1809a, 389, *ericiis* renamed, t. h. *Salmo eriox*.—1809: Dist.
- hyalinum* Schlotthauber, 1860, 129, t. h. *Machetes pugnax*.—1860: Monost.
- hyalocauda* Haldeman (1840a).—Cerc.
- hyans* Moul., 1856a, 49, for *hians* (*Dist.*).
- hyatinum* Kroyer, 1843–45a, 624, for *hyalinum* (*Dist.*).
- hyla* Rud., 1819a, 121, t. h. *Hyla arborea*.—1819: Dist. [1850: D. *cygnoides*.]
- hymenocerca* Villot, 1875, 479, t. h. *Calyptræa sinensis*; Roscoff.—1875: Cerc.
- hystrix* Duj., 1845a, 433, t. h. *Pleuronectes maximus*, P. *platessa*.—1845: Dist. (*Echinost.*). 1899: *Anoiktost.* 1899: *Stephanost.* 1904: *Stephanochasmus*.
- hystrix* Duj. of Olss.—1899: *Stephanost.*
- hystrix* Brand., 1892, 506, for *histriz*, t. h. *Rana esculenta*.—1892: Monost.
- hyterophytes* Cobbold, 1883, 401, for *heterophyes* (*Dist.*).
- idi* Rud., 1819a, 87, t. h. *Cyprinus idus*; Cat. Ent. Vienn.—1819: Monost. (?*Hypost.*). 1819: Monost. [1850: *Aspidogaster limacoides*.]
- ignorata* Raspail, 1902, 119.—1902: Planaria.
- ignotum* Nicoll, 1906, 514, t. h. *Hæmatopus ostralegus*.—1906: Monost.
- ijima* Goto, 1894a, 230, t. h. *Trygon pastinaca*; Japan.—1894: Monocotyle.
- illatabile* Braun, 1901g, 897, t. h. *Falco nitidus*; Brazil.—1901: *Scaphiost.* (type).

- illense* Ziegler, 1883, 543, t. h. *Esox lucius*, *Leuciscus erythrophthalmus*; Strassburg.—1883: Gasterost.
- illiciens* Braun, 1901g, 944, t. h. *Rhamphastus* sp., *Pipra rupicola*; Brazil.—1901: *Dicrocoelium*.
- [*illotum* Sluiter, 1898 (Dist.), a tunicate.]
- imbricata* Looss, 1893a, 20, t. h. *Paludina vivipara* La.; near Leipzig.—1893: Cerc. [1902: *Notocotyle verrucosa*.]
- imbutiforme* Mol., 1859, 844, t. h. *Labrax lupus*; Batavii.—1859: Dist. 1886: D. (Echinost.). 1898: Echinost. 1899: Anoiktost. 1901: *Acanthochasmus*.
- imitans* Muehl., 1898a, 17, t. h. *Abramis brama*; Koenigsberg i. Pr.—1898: Dist. 1899: *Asymphylodora*.
- imparispine* Lint., 1905, 327, t. h. *Rachycentron canadus*; Beaufort, N. C.—1905: Dist.
- impleta* Looss, 1899b, 590, t. h. *Tetrodon fahaka*; Cairo, Egypt.—1899: Astia. 1904: *Astiotrema*.
- impudens* Crep., 1846, 149, t. h. *Squalus griseus*.—1846: Monost.
- incerta* Cobbold, 1885g, 177, t. h. *Coluber*; Rio Plata.—1885: Dist.
- incistidata* Perroncito, 1880, July, 454, t. h. *Rana esculenta*.—1880: Cerc. [*incistidata* Erc., 1881, 96.—1881: Dist.]
- incisum* Rud., 1809a, 361, *anarrhichæ lupi* renamed.—1809: Dist. 1904: *Fellodist.* (type).
- incivile* Leidy, 1856b, 44, t. h. *Leiostomus obliquus*.—1856: Dist.
- inclusum* Polonio, 1859, see Par., 1894, 149, t. h. *Triton punctatus*; Padova.—1859: Dist.
- incommodum* Leidy, 1856b, 43, t. h. *Alligator mississippiensis*; Florida.—1856: Monost. 1891: Dist.
- incomptum* Stoss., 1886, 51, misprint for *incomtum* 1819 (Dist.).
- incomtum* Rud., 1819a, 683, t. h. *Chætodon* sp.; Brazil.—1819: Dist.
- inconstans* Lint., 1905, 327, t. h. *Chætoditperus faber*; Beaufort, N. C.—1905: Dist.
- incrassatum* Dies., 1850a, 390, t. h. *Lutra solitaria*; Brazil.—1850: Dist. 1860: Echinost. 1892: D. (Echinost.).
- increscens* Olss., 1868, 36, t. h. *Scomber*, *Merlucius*, *Hippoglossus*.—1868: Dist. 1886: D. (Echinost.). [1905: *Lepodora rachisea*, type.]
- indicum* Montgomery, 1906, 139, t. h. *donkey*; India.—1906: *Schistosoma*.
- inermis* Nitzsch, MS., in Rud., 1819a, 375, t. h. *Anas boschas fera*.—1819: Dist. [1850: D. *oxycephalum*.]
- inermis* Fil., 1857c, pl. 2, for D. *inermis paludinæ impuræ*.—1857: Dist.
- inermis* Linst., 1879, 183, t. h. *Petromyzon fluviatilis*.—1879: Dist.
- inermis* Fuhrmann, 1904, 63, t. h. *Lutra*.—1904: Echinost.
- inermis* Par. & Perugia, 1889, 747, t. h. *Corvina nigra*; Genova.—1889: Calceost.
- inermis paludinæ impuræ* Fil., 1857c, pl. 2.—1857: Dist.
- inflatum* Crep., 1849, 64, t. h. *Alauda arvensis*.—1849: Dist.
- inflatum* Mol., 1859, 826, t. h. *Anguilla vulgaris*; Batavii.—1859: Dist. 1886: D. (Echinost.). 1898: Echinost. 1899: Anoiktost. 1902: *Deropristis*.
- inflata* Rud., 1802b, 82, t. h. *Cyprinus jesus*.—1802: Fasc. 1809: Dist.
- ingens* Moniez, 1886, 531, t. h. unknown.—1886: Dist. 1902: *Hirudinella*.
- inhærens* Dalyell, 1853a, 262, t. h. ling.—1853: *Octodactylus* (type). [1864: *Pterocotyle palmata*.] [1879: *Octobothrium palmatum*.]
- innocuum* Baelz of Taylor, 1884, 53, for D. *hepatis innocuum*.—1884: Dist. [1907: *Clonorchis sinensis*.]
- innocuum hepatis* La Clinica de Malaga, 1883, 309, for D. *hepatis innocuum*. 1883: Dist.
- innocuum* Laspeyres, 1904a, 6, for *innocuum* (Dist.).
- inops* Looss, 1902n, 887, t. h. *Pelecanus onocrotalus*, *Milvus ægyptius*; Egypt.—1902: *Heterophyes*.
- inquieta* Mueller, 1786, 121, in aqua marina.—1786: Cerc. 1850: *Histrionella*.
- inquilina* Graff, 1904, 457, t. h. snails.—1904: *Planaria*.
- insigne* Dies., 1850a, 347, D. *scimna* Risso, 1826, renamed, t. h. *Echinorhinus spinosus*.—1850: Dist. [1899: D. *veliporum*.]

- insignis* Looss, 1899b, 596, t. h. *Fulica atra*; Egypt.—1899: *Urogonimus*.  
*insignis* Graff, 1904, 457, t. h. snails.—1904: *Planaria*.  
*insignis* Leidy, 1858, 18, t. h. *Anadonta fluviatilis*, *A. lacustris*.—1858: *Cotylaspis* (type). 1893: *Aspidogaster*.  
*instabile* Duj., 1845a, 412, t. h. *Sorex fodiens*; Rennes.—1845: *Dist.* (*Brachylaimus*).  
*instar* Looss, 1901, 562, t. h. *Thalassochelys corticata*.—1901: *Enodiotrema*.  
*integerrima* Frölich, 1791a, 104, t. h. unknown.—1791: *Linguatula*. 1808: *Polyst.* (type). 1809: *Polyst.* (*Hexast.*, type.) 1828: *Hexathyridium*. 1828: *Hexathyridium*.  
*integerrimum* Ben. & Hesse, 1864, 84, for *integerrimum* (*Polyst.*).  
*integrum* Dies., 1850a, 429, MS.—1850: *Trist.* [1850: *Trist. coccineum*.]  
*intermedium* Mehlis in Creplin, 1846, 138, t. h. *Colymbus cristatus*, *C. subcristatus*.—1846: *Dist.*  
*intermedium* Johnston, 1904, 109, t. h. *Cygnus atratus*.—1904: *Hemist.*  
*intermedius* Uličný, 1878, 211, t. h. *Anadonta cellensis*.—1878: *Bucephalus*.  
*interruptum* Mont., 1891, 101, t. h. *Thynnus brachypterus*; Naples.—1891: *Trist.*  
*interruptus* Braun, 1901g, 897, t. h. *Alcedo viridirufa*, *Ardea virescens*; Brazil.—1901: *Opisthorchis*.  
*intersectus* Lænnec, 1812c, 9, t. h. *Homo*; Europe.—1812: *Distomus* (type).  
*intestinale* Rud., 1819a, 119, see *Dist. aluconis intestinale*.  
*intestinale* Tayler, see Carter, 1862a, xxxi, t. h. *Homo*; District of Dacca, India.—1862: *Dist.*  
*intestinalis* Mueller.—: *Planaria*.  
*intestinalis* Linnæus, 1758a, 649, in *intestinis piscium*.—1758: *Fasc.* [*Ligula*.]  
*intestinalis* Gueldenstadt, teste Rud., 1810a, 24, t. h. *Sorex moschatus*.—*Fasc.* [1810: *Ligula*.] [1850: *Cephalocotyleum*.]  
*intestinalis ardæ nigræ* Viborg, 1795, 242.—1795: *Dist.*  
*intestinalis testudinis mydæ* Viborg, see Rud., 1809a, 433.—*Dist.* [1809: *Dist. testudinis mydæ*.]  
*intestinalis vulpis* Viborg, 1795, 242.—1795: *Dist.*  
*invaginatum* Mayer, 1841, 17, *D. appendiculatum*, renamed.—1841: *Dist.*  
*inversus* Looss, 1907, 486, t. h. *Vesperugo kuhli*; Cairo, Egypt.—1907: *Pycnopus*.  
*involutum* Rud., 1809a, 377, t. h. *Upupa epops*; includes *Fasc. upupæ* Schrank, 1790, and *D. fusiforme* from *Upupa epops*.—1809: *Dist.*  
*irroratum* Rud., 1819a, 105, t. h. *Testudo mydas*; Arimini.—1819: *Dist.* [1899: *Astia*.] 1902: *Pachypsolus* (type).  
*isabellinum* Ratzel, 1868, 153, t. h. *Gadus æglefinus*.—1868: *Monost.* [1878: *Rhipidocotyle gracilescens*.]  
*ischnum* Leidy, 1890, 415, t. h. *Saurus foetens*, at Beach Haven, N. J.—1890: *Dist.*  
*ishikawæ* Goto, 1894a, 234, t. h. *Lethrinus* sp.; at Hagi, Japan.—1894: *Epibdella*. 1903: *E. (Benedenia)*.  
*ishikawai* St. Remy, 1898, 532, for *ishikawæ* (*Epibdella*).  
*isopori* Looss, 1894a, 55, in *Cyclas rivicola*.—1894: *Cerc.* [*Dist. isoporum*.]  
*isoporum* Looss, 1894, 49, t. h. *Cyprinus carpio*, *Phoxinus lævis*, *Leuciscus rutilus*, *Abramis brama*, *Squalius cephalus*, *Tinca vulgaris*, *Esox lucius*; Germany.—1894: *Dist.* 1899: *Creadium* (type). 1900: *Allocreadium* (type).  
*isoporum armatum* MacCallum, 1895, 401, t. h. *Aplodmotus grunniens*; North America. 1895: *Dist.* [*Creadium*.]  
*isostomum* Rud., 1819a, 105, t. h. *Astacus fluviatilis*.—1819: *Dist.*  
*isostomum* Rud., 1814a, 100, *Amphist. anatis tadornæ* and *S. candida* renamed, t. h. *Anas tadorna*; Copenhagen.—1814: *Amphist.* 1845: *Holost.* [1850: *H. erraticum*.]  
*italicum* Stoss., 1893, (6), t. h. *Lichia amia*; Trieste.—1893: *Dist.*  
*jacksoni*, see *jacksonii* (*Fasc.*).—1892: *Dist.* 1899: *Fasciolopsis*.  
*jacksonii* Cobbold, 1869, 48, t. h. *Elephas indicus*.—1869: *Fasc.* 1892: *Dist.*  
*janus* Kowal., 1898, 73 or 130, t. h. *Anas boschas dom.*—1898: *O. crassiuscula* var. 1898: *Opisthorchis*. 1898: *Campula*.

- japonicum* Katsurada, 1904, 147, t. h. *Felis catus* dom., Homo; Japan.—1904: *Schistosomum*. 1905: *Schistosoma*.
- japonicum* Bl., 1888a, 596, t. h. Homo; *D. hepatis* endemicum renamed, see endemicum.—1888: Dist. [1907: *Clonorchis* endemicus.]
- japonicus* Braun, 1901, 17, in hen's egg; Yedo, Japan.—1901: *Prosthogonimus*. [ *jardini* (Bucephalus), reptile.]
- jesis* Gmelin, 1790a, 3058, t. h. *Cyprinus jesis*; Europe.—1790: Fasc.
- jheringii* Mont., 1899, 79, for *jheringii* (Temnocephala).
- jheringii* Haswell, 1893e, 96, t. h. *Ampullaria*; Brazil.—1893: *Temnocephala*.
- kampanulatum* Schneidemuehl, 1896, 302, for *campanulatum*.—1896: Dist.
- kantaniana*, see *cantaniana*.
- kölikeri* Cobbold, 1860a, 30, *pelagiæ* Kölliker, renamed.—1860: Dist.
- köllikeri* Mont., 1893, 122, for *kölikeri* (Dist.).
- kommutatum* Schneidemuehl, 1896, 303, for *commutatum* Dies., q. v. (Dist.).
- kongenitum* Schneidemuehl, 1896, 302, for *conjunctum* (Dist.).
- konica* for *conica*.
- konikum* Schneidemuehl, 1896, 303, for *conicum* (Amphist.).
- kowalewski* Rail., 1899, 788, for *kowalewskii* (*Schistosoma*).—1902: *Bilharzia*.
- kowalewskii* Par. & Ariola (1896), 114, t. h. *Larus melanocephalus*.—1896: *Bilharzia*. 1899: *Schistosoma*. 1899: *Bilharziella*.
- krassum* Schneidemuehl, 1896, 302, for *crassum* (Dist.).
- kræyeri* Leuck., 1847, 147, t. h. *Caligus* sp. on *Gadus* sp.—1847: *Amphibothrium* (type).
- kröyeri* Wierezejski, 1877, 550, for *kroyeri* (Calicotyle).
- kræyeri* Høek, 1856a, 507, for *kroyeri* (Calicotyle).
- kræyeri* Ben., 1870, 16, for *kroyeri* (Callicotyle).
- krohnii* Kölliker, 1849d, 65, t. h. a cephalopod.—1849: Dyst. [Dist.]
- kroyeri* Dies., 1850a, 431, t. h. *Raja radiata*; Kattegat.—1850: Calicotyle (type). 1858: Callicotyle. 1898: Calycotyle.
- kroyeri* Dies., 1850a, 427, for *kræyeri* (*Amphibothrium*).
- kuhni* Cobbold, 1860a, 39, *M. leporis*, renamed, t. h. *Lepus cuniculus*—1860: Monost. [ *Cysticercus* pisiformis.]
- kuneatum* Schneidemuehl, 1896, 303, for *cuneatum* (Dist.).
- labiatum* Rud., 1819a, 108, t. h. *Syngnathus pelagicus*; Naples.—1819: Dist.
- labii* Linst., 1889, 79, misprint for *labri* Stoss. (Dist.).
- labracis* Duj., 1845a, 398, t. h. *Labrax lupus*; Rennes.—1845: Dist. (*Dicrocoelium*). 1870: *Echinost.* 1870: *D. (Echinost.)*. 1899: *Dicrocoelium*. 1901: *Allocreadium*.
- labracis* Cerf., 1895, 125, t. h. *Labrax lupus*; White Bank, N. Sea.—1895: *Diclidophora*.
- labracis* Ben. & Hesse, 1863, 1864, 112, t. h. *Labrax lupus*.—1863: *Microcotyle* (? type).
- labri* Rud., 1819a, 122, t. h. *Labrus rupestris*; C. E. V.—1819: Dist. [1850: *D. fasciatum*.]
- labri* Ben., 1870, 45, n. sp., t. h. *Labrus maculatus*.—1870: Dist.
- labri* Stoss., 1886, 30, t. h. *Labrus mixtus*; locality not given.—1886: Dist. 1886: *D. (Dicrocoelium)*. 1901: *Allocreadium*. 1902: *Loborchis*.
- labri rupestris* Olss., 1876, 20.—1876: Dist. 1886: *D. (Apoblema)*. 1891: *Apoblema*.
- lacertæ* Dies., 1850a, 331, t. h. *Lacerta agilis*.—1850: Monost. [Cf. *Piestocystis dithyridium*.]
- lacertæ* Rud., 1819a, 121, t. h. *Lacerta cærulescens*; C. E. V.—1819: Dist. [1850: *D. mentulatum*.]
- lachrymosus* Braun, 1902b, 31, t. h. *Larus maculipennis*; Brazil.—1902: *Philophthalmus*.
- laciniatum* [Blainv., 1824] Duj. 1845a, 437, t. h. *Simia maimon*; Paris.—1845: Dist. [1824: "Alaire" type.] [1850: *Alaria* Blainv., type.]
- laciniatum* Mol., 1859, 821, apparently lapsus for *fimbriatum*.—1859: *Gasterost.*
- lacrhyma* Bory de St. Vincent, 1823a, 354, in infusions d'orge et d'avoine.—1823: *Cerc.*
- lactea* Mueller, 1774, 61, free form.—1774: Fasc. 1787: *Planaria*.

- lacteum* Jägers., 1896, 167, t. h. *Cottus scorpius*.—1896: Monost. 1899: *Galactosomum* (type).
- læve* Lint. 1898, 517, t. h. *Macrourus bairdii*.—1898: Dist. 1899: *Hemiusurus*.
- læve* Verrill, 1875, 40, t. h. *Tetrapturus albidus*; North America.—1875: Trist. [1906: T. ovale.]
- laeve* var. *armata* Goto, 1899a, 273, for *læve* Verrill and *histiophori* of Bell.—1899: Trist.
- læve* var. *inermis* Goto, 1899a, 273, ovale renamed.—1899: Trist. [1899: T. ovale.]
- lævis* Ben. & Hesse, 1864a, 87, t. h. *Mustelus lævis*.—1864: *Erpocotyle* (type).
- lagna* Rud., 1809a, 366, as *Distomate lagna*, see *lagna* 1788.
- lagna* Braun, 1788, 237, t. h. *Perca fluviatilis*; Europe.—1788: *Planaria*. 1790: Fasc. 1809: Dist. [1809: Dist. *nodulosum*.]
- lagna* Mol., 1858, 127, t. h. *Strix passerina*; Patavii.—1858: Holost.
- lagna* Brand., 1888, 249, *ascidia* Ben., 1873, not Rud., 1819, renamed.—1888: Dist. 1899: *Lecithodendrium* (type).
- lageniforme* Lint., 1898, 524, t. h. *Remora remora*.—1898: Dist.
- lambitans* Braun, 1899g, 490, t. h. a "Reiher;" *Semanabay*, West Indies.—1899: Clinost.
- lampetræ* Gulliver, 1872, 103, t. h. *Planer's lamprey*; Canterbury.—1872: *Neuronaia*.
- lampridis* Lænnberg, 1891, 73, t. h. *Lampris guttatus*; Kristiania Mus.—1891: *Didymozoon*.
- lancea* Dies., 1850a, 334, t. h. *Delphinus tacuschi*; Barra do Rio Negro, Brazil.—1850: Dist. 1892: D. (*Dicrocoelium*). 1901: *Opisthorchis*.
- lanceatum* Stiles & Hass., 1896, 158, *lanceolatum* Rud., 1803 [not Schrank, 1790] renamed.—1896: *Dicrocoelium* (type). 1899: Dist.
- lanceolata* Schrank, 1790, 123, t. h. *Cyprinus brama*.—1790: Fasc.
- lanceolata* Schulze in Zeringer (1829), see *Crep.*, 1839a, 291.—? (1829): *Cyclocotyla*. (1839): *Cyclocotyle*. [1850: *Discocotyle sagittata*.] [1879: *Octobothrium sagittatum*.]
- lanceolata* Rud., 1803, 24, t. h. *Homo*; Europe.—1803: Fasc. 1825: Dist. 1845: D. (*Dicrocoelium*, type). 1856: *Dicrocoelium*.
- lanceolatum* F. S. Leuck., 1827a, 24, t. h. *Clupea alosa*; Germany.—1827: *Octobothrium* (type). 1850: *Octocotyle* (type). 1858: *Octoplectanum* (type). [*Mazocras alosæ*.] [*Octostoma alosæ*.]
- lanceolatum* Wedl, 1858, 251, t. h. *Himantopus rubropterus*.—1858: Monost. 1902: *Hæmatotrephus* (type).
- lanceolatus alosæ* Mayer, 1841, 23, *Octobothrium lanceolatum*, renamed.—1841: *Decacotylus*.
- lanceolum* Gronkowski, 1902a, 519, for *lanceolatum* (Dist.).
- lanceulatum* Baldi, 1900a, 224, for *lanceolatum* (Dist.).
- lapridis* Sars, teste Nordmann, 1840, 600, in *Lampris gullatus*.—1840: *Hexacotyle*.
- lari glauci* Rud., 1819a, 92, t. h. *Larus glaucus*; Cat. Ent. Vien.—1819: *Amphist*. [1850: *Hemist. spathaceum*.]
- lasium* Leidy, 1891a, 415, t. h. *Ilyanassa obsoleta*; Beach Haven, N. J.—1891: Dist.
- lata* Lespès, 1857, 114, t. h. *Venus decussata*; Arcachon.—1857: Cerc. 1858: C. (*Gymnocephala*).
- lateralis* Looss, 1902h, 138, t. h. *Mugil auratus*, *M. chelo*.—1902: *Haploporus*.
- laticolle* Rud., 1819a, 117, t. h. *Caranx trachurus*; Naples and Arimini.—1819: Dist. (*Echinost.*) 1899: *Tergestia*. 1899: *Echinost.*
- laticolle* Much., 1896, 590 [not Rud., 1819], t. h. *Anas glacialis*; apparently *Königsberg* i. Pr. See *platyurum*.—1896: Dist.
- latiuscula* Goeze, 1782a, 169, includes Fasc. *hepatica* Linn.—1782: *Planaria*.
- laureatum* Zed., 1800a, 164, t. h. *Salmo trutta*; Europe.—1800: Dist. 1802: Fasc. 1828: *Lobostome*, type. 1845: Dist. (*Crossodera*). 1860: *Crossodera*. 1900: *Crepidost.* —: *Bunodera*.
- [*laysani* Sluiter, 1900, 9 (Dist.) a tunicate.]
- [*leachii* Stevens, 1827 (*Distomus*), beetle.]
- leclithonotus* Luehe, 1900, 555 [see *philodryadum*], t. h. *Coluber* sp., *C. erio*, *Philodryas schotti*; Brazil.—1900: *Opisthognimus* (type).

- Zeidyi* Cobbold, 1860a, 10, Clinost. dubium Leidy, renamed.—1860: Dist.
- Iemna* Mueller, 1773, 67, in aquis paludosis.—1773: Cerc. (?type). 1850: Histrionella.
- Ienoiri* Poir., (1885) 1886, 3, t. h. Tetrathyra vaillantii; Senegal.—1885: Cephalogonimus (type).
- Ienoiri* Poir., 1886, 20 t. h. Tetrathyra vaillantii; Senegal.—1886: Aspidogaster. 1892: Platyaspis (type). 1902: Cotylaspis.
- Ienoirii* Mont., 1888a, 16, for Ienoiri (Aspidogaster).
- Ienticola* Linst., 1878, 226, t. h. Abramis vimba.—1878: Diplost. 1892: Tetracotyle.
- Ientis* Gescheidt, 1833, 421, t. h. Homo.—1833: Monost. 1860: Festuc. 1892: Monostomulum. 1894: Dist.
- Lepidotus* Looss, 1907, 481, t. h. Vesperugo kuhli; Cairo, Egypt.—1907: Parabascus (type).
- Leporis* Kuhn, 1829, 464, t. h. Lepus cuniculus.—1829: Monost. [Cysticercus pisi-formis.]
- Leptogaster* F. S. Leuck., 1830a, 612, t. h. Chimæra monstrosa; Europe.—1830: Octobothrium. 1845: Octobothrium (Cyclocotyle). 1850: Discocotyle. 1858: Placoplectanum (Discocotyle). 1890: Octocotyle (Octobothrium).
- Leptosoma* Villot, 1878, 32, cercarian stage of Dist. leptosomum, in Scrobicularia tenuis.—1878: Cerc.
- Leptosomum* Crep., 1829, 57, t. h. Tringa variabilis.—1829: Dist. 1845: D. (Echinost.). 1860: Echinost.
- Leptostomum* Olss., 1876, 18, t. h. Meles taxus.—1876: Dist. 1892: D. (Brachylaimus) 1899: Harmost. (type). 1899: Heterolope (type).
- Leucochloridii* Leuck., 1858a, 114, see Leucochloridium paradoxum.—1858: Cerc. 1858: Dist.
- Levinseni* Odhn., 1905, 348, t. h. Gadus saida; East Greenland.—1905: Hemiurus.
- levinseni* Setti, 1898, 311, for levinseni (Trist.).
- levinseni* Mont., 1891, 101 t. h. Thynnus sp.—1891: Trist.
- Lichia* Ariola, 1899, 1, t. h. Lichia amia; Genova.—1899: Microcotyle.
- lidia* Par., 1902, 6, for lydiæ (Echinost.).
- ligula* Ben., 1870, 1871a, 17, t. h. Scymnodon ringens; Portugal.—1870: Dist.
- liguloideum* Dies., 1850a, 320, t. h. Vastres cuvieri; Borbæ, Brazil.—1850: Monost. 1892: Amphilina.
- lipputanum* Looss, 1896, 141, t. h. Pernis apivorus, at Alexandria, Egypt; Milvus parasiticus, at Matarijeh.—1896: Echinost.
- lima* Rud., 1809a, 408, t. h. Vespertilio auritus, V. murinus; Europe.—1809: Dist. (Echinost.). 1892: D. (Brachylaimus). 1899: Plagiorchis (type). [1899: Lepoderma.]
- limacis* Dies., 1850a, 302, based on Duj., 1845a, 472, in Limax agrestis, L. cinerea, L. rufa; Rhedoni.—1850: Dist. 1850: Heterost. 1855: Cercariæum. 1856: Cerc. [1858: C. (Acanthocephala) trigonocerca.]
- limacoides* Dies., 1834a, 1231; 1835c, 421, t. h. Cyprinus dobula, C. idus; Cat. Vien.—1834, 1835: Aspidogaster. 1835: Monost.
- limatum* Braun, 1900f, 389, t. h. Molossus sp.; from Brazil.—1900: Dist. [1907: ? Parabascus.]
- limnææ ovalæ* Linst., 1885, 251.—1885: Dist.
- limnææ ovalæ* Linst., 1884, 142.—1884: Cerc. [1889: Dist. endolobum Duj.]
- limnææ truncatulæ* Linst., 1892, 331, t. h. Limnæa truncatula.—1892: Cerc.
- limnæi* Dies., 1850a, 302, based on Duj., 1845a, 473, t. h. Limnæus palustris; Rhedoni.—1850: Dist. 1850: Heterost.
- limnæi* Pag., 1857, 32, t. h. Lymnæus stagnalis.—1857: Tetracotyle. [1858: T. typica.]
- limnophili* Linst., 1879, 185, t. h. Limnophilus rhombicus; apparently Germany.—1879: Dist. [1889: D. endolobum.]
- linuli* Graff (1879), 202.—1879: Plan.
- linearis* Rud., 1819a, 83, t. h. Tringa vanellus; Mus. Vien.—1819: Monost. (Monost.). [1850: Notocotyle triseriale.] [1896: N. verrucosum.]
- linearis* Looss, 1901, 618, t. h. Chelone mydas; Egypt.—1901: Pleurogonius.
- linearis* Rud., 1793a, 29, t. h. Phasianus gallus; Greifswald, October.—1793: Fasc. 1803: Dist. 1860: Crossodera. 1896: Bunodera.



- linearis* Mueller, 1774, 67, in foveis palustribus sylvarum.—1774: Fasc. 1787: Plan.
- linearis* Leaspés, 1857, 117, t. h. *Littorina littorea*.—1857: Cerc. 1858: C. (*Acanthocephala*).
- [*linearis* (Nitzschia) a diatome.]
- linearis longa* Linn. teste Pallas, 1781a, 95, in Cyprinus.—1781: Fasc.
- lineata* Mueller, 1774, 60, in littore maris Balthici.—1774: Fasc. 1776: Plan.
- lineatus* Scott, 1901, 143, t. h. *Trigla lineata*; Clyde.—1901: Trochopus.
- lineola* Dies., 1850a, 346, t. h. *Falco rufus*; C. E. V.—1850: Dist.
- lingua* Boec, 1802a, 262.—1802: Plan.
- lingua* Crep., 1825, 47, t. h. *Larus marinus*.—1825: Dist. 1892: D. (*Dicrocoelium*). 1899: *Tocotrema* (type). 1899: *Cryptocotyle*. 1899: *Cotylogonimus* (*Cryptocotyle*). 1903: *Cryptocotyle*.
- linguiforme* Dies., 1850a, 335, *Brachylæmus erinacei* Bl., 1847, renamed; t. h. *Erinaceus europæus*; Paris.—1850: Dist. 1898: *Mesogonimus*.
- linguale* Odhn., 1902, 66, t. h. *Gymnarchus niloticus*; Sudan.—1902: Phyllodist.
- linguatula* Rud., 1819a, 100, t. h. *Rana*; Brazil.—1819: Dist. ? : D. (*Brachylaimus*).
- linguatula* Looss, 1899b, 668, t. h. *Chelonia mydas*; Egypt.—1899: *Microscapha*. 1902: *Microscaphidium*. 1902: *Polyangium* (type).
- linstowi* Mont., 1893, 102, for *linstowii* (Dist.).
- linstowii* Stoss., 1890, 42, *Monost. aculeatum* Linst., from *Testudo græca*, renamed.—1890: Dist. 1895: D. (*Dicrocoelium*). 1899: *Telorchis* Luehe. 1899: *Telorchis* (type) Looss. 1900: T. (*Cercorchis*, type).
- lintoni* Pratt, in Lint., 1901b, 435, *D. auriculatum* Wedl of Lint., in *Acipenser rubicundus*, renamed.—1901: *Bunodera*.
- lorchis* Fischder., 1901, 368, t. h. *Cervus simplicicornis*, *C. campestris*, *C. mexicanus*, *C. rufus*, *C. dichotomus*, *C. namby*; Brazil.—1901: *Paramphist*.
- littoralis* Herbst, 1787a, 35.—1787: Plan.
- lobatum* Rail., 1900, 241, t. h. *Accipiter nisus*.—1900: *Dicrocoelium*. 1902: *Lyperosomum*.
- lobatus* Looss, 1901l, 619, t. h. *Chelone mydas*; Egypt.—1901: *Glyphicephalus*.
- lobianchi* Mont., 1888a, 7, t. h. *Raia clavata*.—1888: *Acanthocotyle* (type).
- lobianchii* Mont., 1891a, 104, for *lobianchi* (*Acanthocotyle*).
- lobianchoi* Goto, 1899, 285, for *lobianchi* (*Acanthocotyle*).
- lobiancoi* Mont., 1899, 75, for *lobianchi* (*Acanthocotyle*).
- lobates* MacCallum, 1895, 406, t. h. *Anguilla chrysopa*, *Perca flavescens*, *Stegostedion vitreum*; North America.—1895: Dist. 1904: *Centrovarium* (type).
- loliginis* delle Chiaje, 1823, pl. 92, t. h. *Loligo vulgaris*; Naples.—1823: Polyst. [1850: *Solenocotyle chiajei* (type).]
- loliginis* Gmelin, 1790a, 3059, includes *F. barbata*.—1790: Fasc. 1803: Dist. [1850: *Tetrabothriorhynchus migratorius*.]
- loliginis* delle Chiaje, 1841a, 140.—1841: Amphyst. [Amphist.] 1894: *Monost*.
- longe* Braun, 1892a, 581, for *longum* (*Diplost.*).
- longicauda* Rud., 1809a, 372, t. h. *Corvus cornix*.—1809: Dist. [1819: *D. macrourum*.] 1899: *Dicrocoelium*. [1899: *Lyperosomum*.] 1902: *Lyperosomum* (type).
- longicauda* Goto, 1899a, 282, t. h. *Cynoscion regale*; Newport, R. I.—1899: *Microcotyle*.
- longicaudata* Piana, 1882, see Par., 1894, 161, t. h. *Helix carthusiana*.—1882: Cerc. [See also *longocaudata*.]
- longicolle* Crep., 1846, 154, t. h. *Cottus gobio*.—1846: Dist.
- longicolle* Crep., 1825, 57, t. h. *Perca vulgaris*, *P. cernua*; includes *D. embryo* Olfers.—1825: Dist. [1850: *D. embryo*.]
- longicolle* Rud., 1819a, 87, t. h. *Ardea alba*, *A. stellaris*, *Larus ridibundus*, *L. atricilla*; Mus. Vien.—1819: Amphist. 1845: *Holost*. 1905: *Strigea*.
- longicollis* Rud., 1809a, 380, based on Bloch, 1782a, 6, t. h. *Esox lucius*.—1782: Fasc. [1809: Dist. *tereticolle*.]
- longicollis* Abildg., [1788], 34, t. h. *Coluber natrix*.—[1788]: Fasc. 1860: Dist.

- longicollis* Froelich, 1791, 73, t. h. *Cyprinus carpio*.—1791: Fasc. [1809: Dist. globiporum.] 1881: Dist.
- longicollis* Dies., 1850a, 417, Octost. merlangi Kuhn, renamed, t. h. *Merlangus vulgaris*.—1850: *Didicliphora*. 1859: *Octoplectanum*. [1879: *Octobothrium merlangi*.]
- longipenis* Looss, 1899, 608, t. h. ape; Ghizeh Zool. Garden.—1899: *Phaneropsolus*.
- longipes* Dies., 1850a, 428, tubiporum 1835 renamed, t. h. *Trigla hirundo*.—1850: *Trochopus* (type). [1864: *T. tubiporus*.]
- longiplexus* Staff., 1902, 901, in lungs of American frogs and toads.—1902: *Hæmatolæchus*. 1905: *Pneumonocæces*.
- longispina* Klein, 1905, 65, t. h. *Rana hexadactyla*; India.—1905: *Halipegus*.
- longissimum* Linst., 1883, 308, t. h. *Ardea stellaris*; Turkestan.—1883: Dist. 1892: D. (*Dicrocelium*). 1896: *Opisthorchis*.
- longissimum* Poir., 1886, 29, t. h. *Delphinus tursio*.—1886: Dist. 1892: D. (*Dicrocelium*). [1896: *D. tursionis*.]
- longissimum corvinum* Stiles & Hass., 1894, 418, t. h. *Corvus americanus*, *C. ossifragus*; U. S. A.—1894: Dist. (*Dicrocelium*). 1899: *Opisthorchis*.
- longissimum corvinum* Stiles & Hass., 1896, 155, misprint for *corvinum* (Dist. *longissimum*).
- longiusculus* Looss, 1902m, 582, misprint for *longiusculus* (*Pleurogonius*).
- longiusculus* Looss, 1901l, 568, t. h. *Chelone mydas*; Egypt.—1901: *Pleurogonius* (type).
- longocaudata* Piana, 1882, teste Par., 1894, 622 (misprint?) in *Helix carthusianella*; Reggio Em.—1882 or 1894: Cerc.
- longum* Brand., 1888a, 25, t. h. *Crocodylus*; Brazil.—1888: *Diplost*.
- longum* Leidy, 1851, 206, t. h. *Esox estor*; at Cleveland, Ohio.—1851: Dist. 1904: *Megadist.* (type).
- loossi* Ssinitzin, 1905, 33, *G. cygnoides* of Looss renamed.—1906: *Gordodera*.
- loosii* Marshall & Gilbert, 1905, 483, t. h. *Micropterus salmoides*, *Lucius lucius*, *Amia calva*.—1905: *Azygia*.
- lophocerca* Fil., 1857c, 5, t. h. *Paludina impura*; Torino.—1857: Cerc. 1858: *Glenocerc*.
- lorenzii* Mont., 1899, 1045, t. h. *Trigla* sp.; Rovigno.—1899: *Plectanocotyle*.
- lorum* Duj., 1845a, 407, t. h. *Talpa europæa*; Rennes.—1845: Dist. (*Brachylaimus*). 1893: *Mesogonimus*. 1899: *Dolichosomum* (type). [1899: *Itygonimus* (type).] 1900: *Dolichodemias* (type).
- loxæ* Rud., 1819a, 120, t. h. *Loxia chloris*, *L. coccothraustes*, *L. pyrrhula*; C. E. V.—1819: Dist. [*D. mesostomum*.]
- lubens* Braun, 1901, 945, t. h. *Pipra rupricola*.—1901: *Dicrocelium*.
- lucaneum* Brand., 1892b, 511, for *Monost.* (*Glenocerc*) *lucanica* in *Planorbis parvus*.—1892: *Monostomulum*.
- lucania* Leidy, 1904a, 143, for *lucanica* (*Monost.*).
- lucanica* Leidy, 1877, 200, t. h. *Planorbis parvus*; U. S. A.—1877: *Monost.* (*Glenocerc*). [1892: *Monostomulum*, see *lucaneum*.]
- lucii* Mueller, 1776, 224, t. h. *Lucius*, esoph., stomach.—1776: Fasc. 1782: Plan. 1800: Dist. [*D. tereticolle*.]
- lucii* Rud., 1819a, 122, for *D. esocis lucii* Rud., 1809a, 438, t. h. *Esox lucius*; Greifswald.—1819: Dist.
- lucioperca* Mueller, 1776, 223, t. h. *Perca lucioperca*.—1776: Fasc. 1803: Dist. [*D. nodulosum*.]
- lucipetum* Rud., 1819a, 94, t. h. *Larus fuscus*, *L. glaucus*; Mus. Vien.—1819: Dist. 1828: Fasc. 1845: D. (*Dicrocelium*). 1899: *Philophthalmus*.
- lûhei* Odhn., 1905, 351, t. h. *Clupea harengus*, *C. sprattus*.—1905: *Hemiurus*.
- luna* Mueller, 1786, 139, in aqua rarissime.—1786: Cerc. 1815: *Furcocerca*. 1827: *Lecane*.
- lunatum* Dies., 1836d, 238, t. h. *Cervus dichotomus* [?], *Anas melanotos*, *A. ipecutiri*, *Himantopus wilsonii*; Caicara, Brazil.—1836: *Amphist*.
- lunatus* Looss, 1901l, 558, t. h. *Thalassochelys corticata*; Trieste.—1901: *Pachypsolus* (type). [See *irroratus*.]

- lungocaudata* Piana teste R. Bl., 1888a, 603 (see also *longicaudata*), t. h. *Helix carthusiana*.—1888: Cerc.
- lupi* Ben. & Hesse, 1863, 92, t. h. *Labrax lupus*.—1863: Udonella.
- lupus* Mueller, 1773, 67, in aquosis, ubi *Lemna* vegetat, rara.—1773: Cerc. 1815: Furcocerca. 1827: Dicranophorus. [1828: Cyclogena (type).]
- lusca* Ben., 1868a, 7, for *luscae* (Dactylocotyle), in *Morrhua lusca*.
- luscae* Ben. & Hesse, 1863; 1864, 111, t. h. *Morrhua lusca*.—1863, 1864: Dactylocotyle. 1879: Dactylocotyle. 1879: Octobothrium. 1890: O. (Dactylocotyle).
- lutea* Ben. of Giard, 1897c, 954, t. h. *Tapes decussatus* and *T. pullastra* at Arcachon and Donax trunculus at Wimereux.—1897: Cerc. [1897: Brachycoelium luteum.]
- lutea* Ben., 1870, 3, t. h. *Scyllium canicula*.—1870: Dist. 1897: Brachycoelium. 1897: Cerc. 1904: Diptherost. [D. betencourti.]
- luteum* Baer, 1826a, 125; 1827, 610, t. h. *Paludina vivipara*; Regiomonti.—1826: Dist. [1850: Heterost. ovatum.]
- luzii* Dies., 1850a, 358, for *lucii* (Mueller) Zed., (Dist.).
- lydiae* Stoss., 1896, 190, t. h. *Orthagoriscus mola*; Triest.—1896: Echinost. 1899: Dist. 1899: Anoiktost. 1899: Stephanost. 1901: Dihemistephanus (type).
- lymnæi auricularis* Fil., 1854, 25, t. h. *Lymnæus auricularis*.—1854: Dist. 1855: Cercariæum. 1856: Cerc.
- lymnæi obscuri* Erc., 1881c, 33, t. h. *Limnæus obscurus*, *L. stagnalis*; Bologna.—1881: Cerc.
- lymnæi palustris* Dies., 1855a, 399, for *lymnæi* 1850a, 302.—1855: Cercariæum.
- lymnæi peregrini* Dies., 1858d, 279, t. h. *Lymnæus peregrinus*; Turin.—1858: Cercariæum.
- lymphaticum* Linst., 1903, 353, t. h. *Mustelus vulgaris*.—1903: Dist. [1906: D. megastomum.]
- lyratum* Schlotthauber, 1860, 129, t. h. *Ardea cinerea*.—1860: Holost.
- macaci* Cobbold, 1861, 119, t. h. *Macacus radiatus*.—1861: Cerc.
- macconnelli* Cobbold, 1876, 97, *D. sinense* renamed.—1876: Dist. [1907: Clonorchis sinensis.]
- macdonaldi* Mont., 1891, 120, t. h. *Melo* sp.; Shark Bay, West Australia.—1891: Aspidogaster.
- macdonaldii* Mont., 1891, 121, for *macdonaldi* (Aspidogaster).
- macrocerca* Loos, 1894a, 253, for *macrocerca* (Cerc.).
- macrobothrium* Ben., 1870, 70, t. h. *Osmerus eperlanus*.—1870: Dist.
- macrocephalum* Rud., 1803a, 21, t. h. *Strix bubo*; includes *Strigea* and *Fasc. strigis*.—[1782: Planaria.] [1788: Festuc.] [1790: Fasc.] [1790: Strigea, type.] 1803: Amphist. (type). [1819: Holost. variabile, type.] 1828: Holost. (type). [1850: Hemist.]
- macrocephalum* [pars: falconis milvi] Rud., 1819a, 88.—1819: Amphist. [1840: A. striatum.] [1850: Hemist. spathula.]
- macrocerca* Fil., 1854a, 13, t. h. *Cyclas cornea*; Turin.—1854: Cerc. 1855: C. (*Xiphidocerc.*) 1858: C. (*Acanthocephala*). [1858: Dist. cygnoides.] [1902: Gorgodera cygnoides.]
- macrocotyle* Dies., 1858, 342, t. h. *Orthagoriscus mola*, in Ireland; based on Bellingham, 1844, 429.—1858: Dist. [1860: D. macrocephalum.] 1886: D. (*Cladocœlium*). 1893: D. (*Accacœlium*). [1893: D. megnini.] 1898: Podocotyle. 1898: D. (*Podocotyle*). 1901: Accacœlium.
- macrolaimus* Linst., 1894b, 334, t. h. *Vesperugo pipistrellus*.—1893: Dist. 1899: Lecithodendrium.
- macrophallos* Linst., 1875a, 190, t. h. *Totanus hypoleucos*.—1875: Dist. 1892: D. (*Brachycoelium*). 1900: D. (*Levinsonia*). 1899: Levinsonia.
- macrophallus* Linst., 1887, 104, for *macrophallos* (Dist.).
- macropoculum* Cobbold, 1860a, 25, *macrocotyle* 1858 renamed, t. h. *Orthagoriscus mola*.—1860: Dist.
- macroporum* Mont., 1893, 133, t. h. *Lophius piscatorius*.—1893: Dist.
- macropterum* Wien. MS. in Brandes, 1888a, 55, syn. of *grande* Dies.—1888: Hemist. [1888: Diplost. grande.]
- macrorchis* Brand., 1892, 508, t. h. marine turtles.—1892: Monost.

- macrostoma* Rud., 1803a, 26, t. h. *Nachtigall* [*Motacilla lusciniæ*]; Greifswald, June.—1803: Fasc. 1809: Dist. 1893: *Urogonimus* (type). 1896: D. (*Urogonimus*). [1835: *Leucochloridium paradoxum*, type.] 1907: *Leucochloridium*, type.
- macrostomum* Schlotthauber, 1860, 130, t. h. *Petromyzon fluviatilis*.—1860: Dist.
- macrostomum* Rud., 1809a, 337, t. h. *Larus cinerarius*; Greifswald.—1809: Monost. (Monost.).
- macrostomum* Jægers., 1900a, 33, t. h. *Telmatias major*; ?Upsala.—1900: Diplost.
- macrourum* Rud., 1819a, 98, t. h. *Corvus cornix*; D. *longicauda* Rudolphi, 1809a, 372 renamed.—1819: Dist. 1853: Dist. (*Dicrocoelium*). 1899: *Dicrocoelium*. [1902: *Lyperosomum longicauda* and *Dicrocoelium albicolle*.]
- macrurum* Schlotthauber, 1860, 129, t. h. *Corvus glandarius*.—1860: Monost.
- macrurum* Braun, 1892a, 746, for *macrourum* (Dist.).
- maculata* Leidy, 1847e, 252, free; Phila.—1847: Plan.
- maculatum* Looss, 1901d, 402, t. h. *Labrus merula*, *Crenilabrus pavo*, *C. griseus*; Triest.—1901: Dist.
- maculatum* Rud., 1819a, 123, t. h. *Diodon*; California.—[1811: *Capsala martinieri*, type.] 1819: Trist. 1840: *Capsala*. 1850: Trist.
- maculosa* Rud., 1802, 67, F. *hirundinis* renamed, t. h. *Hirundo apus*.—1802: Fasc. 1809: Dist. 1845: D. (*Brachylaimus*). 1892: D (*Dicrocoelium*). 1901: *Plagiorchis*.
- madagascariensis* Vayssière (1892), 64.—1892: *Temnocephala*. 1899: *Dactylocephala* (type).
- magna* Cobbold, 1859d, 364, t. h. *Cercopithecus fuliginosus*.—1859: *Bilharzia*. 1892: *Gynecophorus*. [1895: *Bilharzia hæmatobia*.] 1899: *Schistosoma*.
- magna* Pag., 1857, 22, t. h. *Paludina vivipara*.—1857: Cerc. 1858: C. (*Gymnocephala*).
- magniovatum* Stoss., 1898, 53, t. h. *Puffinus kuhlii*; Triest.—1898: *Echinost.*
- magnum* Bassi, 1875, 497, t. h. [Hirsch]; *Mandria*.—1875: Dist. 1889, 1894: Fasc.
- maimonis* Blainv., 1828, 586, t. h. *Simia maimon*.—1828: Fasc.
- maior* Tasch., 1879, 263, for *major* (*Dactylogyrus*).
- major* Goto, 1894a, 203, t. h. *Scomber colias*; Japan.—1894: *Octocotyle*.
- major* Nitzsch, 1817, 44.—1817: Cerc. [1850: *Histrionella lemna*.]
- major* Wagener, 1857, 99, "pl. 15, fig. 9," t. h. *Gobius fluviatilis*.—1857: *Dactylogyrus*.
- major* St.-Remy, 1898, 547, for *major* (*Octocotyle*).
- malleus* Linst., 1877, 182, t. h. *Barbus fluviatilis*.—1877: *Dactylogyrus*.
- mancupatus* Fischder., 1901, 371, t. h. African cattle.—1901: *Gastrothylax*.
- masoni* Sambon, 1907, 365, t. h. *Homo*; Africa.—1907: *Schistosomum*.
- marænula* Rud., 1809a, 339, t. h. *Salmo marænula*; Europe.—1809: Monost. (Hypost.) 1892: *Monostomulum*.
- marculentum* Braun, 1901g, 948, t. h. *Emberiza citronella*; Vien. Mus.—1901: Dist.
- margaritarum* Dubois, 1901, 603, t. h. *Mytilus edulis*.—1901: Dist.
- margaritifera* Shipley & Hornell, 1904, 78, t. h. *Margaritifera vulgaris*; Ceylon.—1904: *Muttua* (type).
- margaritifera* Shipley & Hornell, 1904, 78, t. h. *Margaritifera vulgaris*; Cheval Paar, Ceylon.—1904: *Aspidogaster*.
- marginatum* Rud., 1819a, 680, t. h. *Ardea* sp.; Brazil.—1819: Dist. 1892: *Mesogonimus*. 1899: Clinost.
- marginatum* Mol., 1858, 128, t. h. *Anas crecca*; Batavii.—1858: Dist. 1892: D. (*Brachylaimus*).
- marilæ* Rud., 1819a, 87, t. h. *Anas marila*; Cat. Ent. Vien.—1819: Monost. [1850: *Notocotyle triseriale*.]
- marillæ* Dies., 1850a, 411, for *marilæ* (Monost.).
- marina* Garsin, 1730a, 387, t. h. *Scomber pelamys*.—1730: *Hirudinella*.
- marionis* St. Loup, 1885, 176, t. h. *Mæna vulgaris*.—1885: *Choricotyle*.
- marmorosa* Mueller, 1774, 71, in fossis aquaticis rara.—1774: Fasc. 1787: Plan.
- marsupium* Braun, 1901g, 941, t. h. *Perdix rufina*; Brazil.—1901: Harmost.
- martinieri* Bosc, 1811, 384, t. h. *Diodon* sp.—1811: *Capsala* (type).
- martiranoi* Stiles, 1903aa, 15, t. h. *Anopheles claviger*.—1903: *Agamodist*.

- medians* Ols., 1876, 25, t. h. *Bufo vulgaris*.—1876: Dist. 1899: *Pleurogenes*.
- medians* Ols. of Staff., 1900, Aug., 412.—1900: Dist. [1905: *Loxogenes arcanum*.]
- medioplexus* Staff., 1902, 901, t. h. American frogs and toads.—1902: *Hæmatolœchus*. 1905: *Pneumonœces*. [See *Ostiolium formosum*, type.]
- mediozimus* Braun, 1901g, 895, t. h. *Galbula grandis*; Brazil.—1901: *Eumegacetes*.
- medius* Kath., 1894a, 129, t. h. *Cobitis fossilis*, *Cyprinus carpio*.—1894: *Gyrodactylus*.
- megachondrus* Looss, 1899b, 593, t. h. *Testudo* (græca?).—1899: *Enodia* (type). 1901: *Enodiotrema* (type).
- megacotyla* Dies., 1858d, 263, for Dist. *echinatoides* Pag., 1857, 32 [not Fil.], t. h. *Anodonta cygnea*; Heidelberg.—1858: Cerc. (*Nephrocephala*).
- megacotyle* Dies., 1850a, 379, D. *velellæ* Fil. renamed, t. h. *Velella spirans*; Naples.—1850: Dist.
- megacotyle* Dies., 1836d, 238, t. h. *Silurus palmito*; Matogrosso, Brazil.—1836: *Amphist*.
- megacotyle* Linst., 1906, 176, t. h. *Histiophorus* sp.; Beruwalla.—1906: Trist.
- megacotylea* Villot, 1878, 30, t. h. *Mysis*.—1878: Cerc.
- megalocephalum* Brand., 1888a, 67, t. h. *Stomias* sp.; Brazil.—1888: Holost.
- megalocotyle* Mont., 1893, 52.—1893: Dist.
- megaloon* Linst., 1879, 337, t. h. *Lacerta agilis*.—1879: Dist.
- megastomum* Wagener, 1857, 57, t. h. *Cyprinus blicca*, *C. amarus*.—1857: *Dactylogyrus*.
- megastomum* Rud., 1819a, 102, t. h. *Squalus galeus*; Arimini.—1819: Dist. 1886: D. (*Brachylaimus*). 1900: *Ptychogonimus* (type).
- megastomum* Grobben, 1878a, 89, t. h. *Portunus depurator*.—1878: Dist.
- megastomum leporis* Kuhn (1829c).—1829: Dist.
- megastomus* Looss, 1902m, 533, t. h. *Chelone mydas*; Egyptian coast—1902: *Criccephalus*.
- megacotyle* Linst., 1903, 354, misprint for *megalocotyle* Mont. (Dist.).
- megnini* J. Poir., 1885, 4, t. h. a fish.—1885: Dist. 1893: D. (*Accacœlium*). [1893: D. *macrocotyle*.]
- megninii* Mont., 1893, 102, for *megnini* 1885 (Dist.).
- melanocystis* Staff., 1904, 483, t. h. *Lophius piscatorius*; Canada.—1904: *Xenodist* (type).
- melanoglena* Dies., 1855a, 393, *Melanoglena bipunctata* renamed.—1855: *Histrionella*. 1858: *Glenocerc*.
- melanoglena* Pag., 1862, 298.—1862: Cerc.
- melanops* Dies., 1855a, 400, based on Cerc. *paludinæ impuræ* Baer, 1827b, 655.—1855: *Cercaræum*. 1858: *Histrionellina*.
- melis* Schrank, 1788, 17, t. h. *Dachs*, *Meles*; Europe; *Planaria teres* Goeze, pro parte, renamed.—1788: Fasc. 1800: Dist. 1809: Plan. [1850: D. *trigonocephalum*.]
- melolonthæ* Hammerschmidt, in Leuck., 1835, 88, nomen nudum, t. h. an insect; Europe.—1835: *Klepsitromis* (type).
- mentulatum* Mueh., 1898, 19, for *mentulatum*.—1898: (Dist.).
- mentulatum* Rud., 1819a, 103, t. h. *Coluber natrix* *Lacerta agilis*, *L. maculata*; Europe.—1819: Dist. 1845: D. (*Brachylaimus*). 1899: *Lepoderma*. 1899: *Plagiorchis*.
- mergi* Rud., 1819a, 121, t. h. *Mergus albellus*; C. E. V.—1819: Dist. [1850: D. *baculus*.]
- merlangi* Kuhn, 1829b, t. h. *Gadus merlangus* and *Cymothoa oestroides* on Boops.—1829: Octost. 1832: *Octobothrium*. 1832: Polyst. 1838-40: *Didclidophora*. 1845: *Octobothrium* (*Cyclocotyle*). 1850: [*Didclidophora longicollis*]. 1888: *Octocotyle*. 1895: *Dactylocotyle*.
- merlangi carbonarii* Dies., 1858e, 341, renamed *anonymum* 1858e, 341; based on Bellingham, 1844, 428.—1858: Dist.
- merlangi vulgaris* Dies., 1858e, 341, renamed *anonymum* 1858e, 341; based on Bellingham, 1844, 428.—1858: Dist.
- merlangorum* Dies., 1855, 64, based on Bellingham, 1844.—1855: Dist.
- merlucii* Ben. & Hesse, 1863, 1864, 105, t. h. *Merlucius vulgaris*.—1863 or 1864: *Anthocotyle* (type).
- merlucii* Ben. & Hesse, 1863, 1864, 93, t. h. *Merlucius vulgaris*.—1863: *Udonella*.
- merlucii* Tasch., 1879k, 247, for *merlucii* (*Anthocotyle*).

- meropsis* Rud., 1819a, 120, t. h. *Merops apiaster*; C. E. V.—1819: Dist. [1850: *D. triangulare*.] 1896: D. (*Brachylaimus*).
- mesocelium* Cohn, 1903, 35, t. h. *Draco volans*; Java.—1903: *Hoploderma* (type). [1907: *Pintneria*, type.]
- mesostoma* Rud., 1803a, 28, t. h. *Krametsvogel* [*Turdus iliacus*]; Greifswald, November.—1803: Fasc. 1809: Dist. 1892: D. (*Brachylaimus*). 1902: Harmost.
- mesosternum* Linst., 1873, 101, apparently for *mesostomum* (Dist.).
- metæcus* Braun, 1900f, 389, t. h. *Vespertilio lasiopterus*, V. noctua; Vien. Mus.—1900: Dist. 1900: *Crepidost.* (type).
- mexicana* Vayssière, 1898, 227, t. h. *Cambarus digneti*; Mexico.—1898: *Temnocephala*.
- micælis* Mont., 1892, Oct. 7, 168, t. h. *Cantharus vulgaris*; Trieste.—1892: *Cotylogaster* (type).
- micracantha* Dies., 1858d, 259, syn. *Cerc. armata* Fil., 1855b, 3-5, t. h. *Triton punctatus*, *Lymnæus palustris*.—1858: *Cerc.* (*Acanthocephala*).
- micracanthum* Stoss., 1889, 29, t. h. *Pagellus erythrinus*; Trieste.—1889: Dist. 1903: D. (*Dicrocelium*).
- micracanthus* Massa, 1903, see *micrachanthus* (*Trochopus*)
- micrachanthus* Massa, 1903, 225, t. h. *Trigla hirundo*.—1903: *Trochopus*.
- microbothrium* Fischder., 1902a, 21, for *microbothrium* (*Paramphist.*).
- microbothrium* Fischder., 1901a, 369, t. h. *Antelope dorcas*; Coll. Vien. and Vet. School, Berlin.—1901: *Paramphist.*
- microcanthus* Massa, 1906, 66, for *micracanthus* (*Trochopus*).
- microcephalum* Baird, 1853, 58, t. h. *Acanthias vulgaris*; Falmouth Harbor.—1853: Dist. [D. *veliporum*.]
- microcephalum* Crep., 1837, 311, 1849, 64, in *Corvus cornix*.—1837: Dist.
- microcephalum* Rud., 1819a, 88 lapsus for *microstomum*.—1819: *Amphist.*
- microcoecum* Rud., 1819a, 101, t. h. *Glareola austriaca*; Arimini.—1819: Dist. 1901: *Phaneropsolus*. 1892: D. (*Brachylaimus*).
- microcotyla* Fil., 1854a, 7; 1854b, 260; t. h. *Paludina vivipara*, *P. achatina*; Lake Varese and Lombardia.—1854: *Cerc.* 1855: C. (*Xiphidiocerc.*). 1858: C. (*Acanthocephala*). [1858: Dist. *tetracystis*.] [1905: *Cystagora*, type.]
- microcotyle* Dies., 1858e, 340, t. h. *Rhombus maximus*; Ireland; based on Bellingham, 1844, 428.—1858: Dist.
- microcristata* Erc., 1881 or 1882, see Par., 1894, 161, t. h. *Bythinia cristata*; Bologna.—1881?: *Cerc.*
- microdactyla* Mont., 1903, 1, t. h. *Dilocarcinus septemdentatus*; Matto Grosso.—1903: *Temnocephala*.
- micropharyngeum* Luehe, 1898g, 623, t. h. *flamingo*; Berberei.—1898: Dist. 1900: *Gymnophallus*.
- microphylla* Ben., 1870, t. h. *Osmerus eperlanus*.—1870: Dist.
- microporum* Mont., 1889, 322, t. h. *Plagyodus ferox*; Madeira.—1889: Dist. 1891: *Apoblema*. 1899: *Hemiurus*.
- micropteri* Marshall & Gilbert, 1905, 481, t. h. *Micropterus salmoides*, *M. dolomieu*; near Madison, Wis.—1905: *Leucercuthrus* (type).
- micropterygis* Richardi, 1902, 4, t. h. *Micropteryx dumerilii*.—1902: *Didymozoon*. 1902: *Monost.* 1902: *Didymost.* [1902: *D. bipartitum*.]
- microsoma* Rud., 1809a, 109, t. h. *Perca marina*; Naples.—1819: Dist.
- microsolum* Dies., 1850a, 370, for *microsoma* (Dist.).
- microstomum* Rud., 1809a, 50, t. h. *Pleuronectes solea*; Paris.—1809: Dist.
- microstomum* Rud., 1809a, 342, t. h. *Corvus caryocatactes*; Greifswald, Europe.—1809: *Amphist.* 1845: *Holost.*
- microstomum* Crep., 1829, 49, t. h. *Fulica atra*; Greifswald.—1829: *Monost.* [1850: *M. mutabile*.]
- microtyla* Moul., 1856a, 80, for *microcotyle* (*Cerc.*).
- micrura* Fil., 1857c, 5, t. h. *Paludina impura*.—1857: *Cerc.* 1858: C. (*Acanthocephala*). [1894: Dist. *globiporum*.]
- midæ* Dies., 1850a, 325, for *mydæ*.—Planaria. [1850: *Monost. trigonocephalum*.]
- midas* Kuhl & van Hasselt, (1824 or 1822?).—*Polyst.*
- miescheri* Zschokke, 1890, 764, t. h. *Trutta salar*.—1890: Dist. (*Cladocelium*).

- miescherii* Mont., 1893, 153, for *miescheri* (Dist.).
- migrans* Duj., 1845a, 407, *Brachylaimus advena* renamed, hence type of *Brachylaima*; hosts *Sorex araneus*, *S. leucodon*.—1845: Dist. (*Brachylaimus*, type).
- migras* Stoss., 1892, 19, misprint for *migrans* 1845 (Dist.).
- miliaris* Brown, 1881, 329, misprint for *militare* 1803 (Dist.).
- militaris* Rud., 1803a, 30, t. h. *Scolopax arquata*; Greifswald, January.—1803: Fasc. 1809: Dist. (Echinost.). 1860: Echinost.
- milvi* Gmelin, 1790a, 3054, t. h. *Milvus*.—1790: Fasc. 1803: Dist. [1819: *D. echinocephalum*.]
- minima* Ben., 1870, 67, t. h. *Clupea sprattus*.—1870: Dist.
- minimum* Wagener, 1852, 558, t. h. *Trigla microlepidota*.—1852: Gasterost.—1858: Rhipidocotyle.
- minimum* Stoss., 1887, 96, t. h. *Labrax lupus*; Triest.—1887: Gasterost.
- minor* Haswell, 1887a, 284, t. h. *Astacopsis bicarinatus*; New South Wales.—1887: Temnocephala.
- minor* St.-Remy, 1898, 551, minus Olsson, 1876 [*Octobothrium*] renamed.—1898: Dactylocotyle.
- minor* Wagener, 1857, 60, t. h. *Cyprinus alburnus*.—1857: Dactylogyrus.
- minor* Goto, 1894a, 205, t. h. *Scomber colias*; Japan.—1894: Octocotyle.
- minor* Mont., 1888, 16, t. h. *Scyllium*.—1888: Pseudocotyle. 1905: P. (*Leptocotyle*, type).
- minor* Looss, 1901d, 437, t. h. *Labrus merula*; Triest.—1901: Derogenes.
- minus* Cef., 1898b, 330, t. h. *Raja* sp.; Roscoff.—1898: Merizocotyle.
- minus* Ols., 1876, 10, t. h. *Gadus melanostomus*.—1876: Octobothrium.
- minuta* Looss, 1899b, 585, t. h. dogs and cats at Cairo and *Ardea cinerea* at Damietta, Egypt.—1899: Ascocotyle.
- minuta* Erc., 1881 or 1882, see Par., 1894, 163, t. h. *Bythinia tentaculata*; Bologna.—1881?: Cerc.
- minuta* Nitzsch, 1817, 46, in various fresh-water mollusks; Halle.—1817: Cerc. 1855: C. (Euccercaria). 1858: C. (Gymnocephala).
- minutissimum* Stoss., 1896, 130, t. h. *Anas boschas*; Doberdò.—1896: Monost.
- minutissimum* Looss, 1901, 618, t. h. *Chelone mydas*; Egypt.—1901: Pleurogonius.
- minutus* Cobbold, 1859d, 364, t. h. *Hæmatopus ostralegus*.—1859: Dist.
- minutus* Looss, 1901e, 604, t. h. *Uranoscopus scaber*; apparently Triest.—1900: *Stephanochasmus*.
- minutus* Fischder., 1901, 372, t. h. *Antilope* sp., *Tragelaphus scriptus*; Kamerun.—1901: Gastrothylax.
- myocerca* Mont., 1888, 77, for *myocerca* (Cerc.).
- mirabilis* Braun, 1891c, 218, t. h. *Limnæus palustris* var. *corvus*.—1891: Cerc.
- mirus* Looss, 1901d, 439, t. h. *Labrus merula*; Triest.—1901: Zoogonus (type).
- mistroides* Mont., 1896, 144, constrictum Leared, renamed.—[1896: Dist.] [1896: Mesogonimus.] [1908: Hapalotrema (type).]
- mitsukurii* Goto, 1894a, 227, t. h. *Rhina* sp.; Mitsugahama, Japan.—1894: Calicotyle. 1898: Calycotyle.
- [*modestum* Sluiter, 1898 (Dist.), a tunicate.]
- mola* Bl., 1847a, 326, t. h. *Orthogoriscus mola*.—1847: Trist. [1850: *T. rudolphianum*.]
- mola* Maclaren, 1904, 573, t. h. *Orthogoriscus mola*.—1904: Nematobothrium.
- mola* Rud., 1819a, 87, t. h. *Orthogoriscus mola*; Naples.—1819: Monost. [1850: Dist. okenii.]
- moleculum* Linst., 1880, 51, t. h. *Rallus pygmaeus*.—1880: Dist. 1892: D. (*Brachylaimus*).
- molini* Polonio, 1859, teste Par., 1894, 148, t. h. *Rana esculenta*; Padua.—1859: Dist.
- molinii* Par., 1894, 148, for *molini*, 1859 (Dist.).
- molle* Leidy, 1856, 43, t. h. *Sternotherus odoratus*; U. S. A.—1856: Monost. 1894: Dist. (Polyorchis). 1896: Polyorchis. 1896: Pleorchis.
- mollis* Wedl, 1857, 272, t. h. *Cyprinus carpio*.—1857: Gyrodactylus. 1858: Dactylogyrus.
- mollissimum* Mont., 1893, 96, for *mollissimum* (Apoblema).

- mollissimum* Levin., 1881, 59, t. h. *Cottus scorpius*; Egedesminde.—1881: Dist. 1886: D. (Apoblema). 1889: Apoblema. 1889: Hemius. [1905: *Lecithaster gibbosus*.] 1907: *Lecithaster*.
- mollissimum* Mont., 1891, 521, for *mollissimum* (Apoblema).
- mollissimum* Mont., 1891, 520, for *mollissimum* (Apoblema).
- molva* Ben. & Hesse, 1863, 1864, 94, t. h. *Lota molva*.—1863, 1864: *Pteronella* (type). 1878: *Udonella*.
- molva* Cerf., 1895h, 944.—1895: *Dactylocotyle*.
- monas* Rud., 1819a, 679, t. h. *Amphisbæna* sp.; Brazil.—1819: Dist. 1896: D. (*Brachylaimus*).
- monenteron* Wagener, 1857, 52, etc., t. h. *Esox lucius*.—1857: *Dactylogyrus*. 1858: *Tetraonchus*, probably type.
- mongeotii* Bory de St.-Vincent, 1823a, 354, in water.—1823: *Cerc*.
- monorchis* Stoss., 1890, 40, t. h. *Cantharus orbicularis*; Triest.—1890: Dist. 1893: D. (*Monorchis*, type). 1902: *Monorchis*, type.
- monostomi* Linst., 1896i, in 375, perhaps young of *Monost. mutabile*, t. h. *Lymnæa ovata*, L. peregra; Germany.—1896: *Cerc*.
- monroi* Goodsir, (1844), t. h. *Gadus morrhua*.—1844: *Neuronaia*, type.
- monroi* Goodsir, teste Gulliver, 1872, 103, see *monroi* (*Neuronaia*).
- monstruosum* Braun, 1901, 944, t. h. *Corone venustissima*; West Indies.—1901: *Ochetosoma* (type).
- monticellii* Mont., 1902, 143, for *monticellii* (*Epibdella*).
- monticellii* Lint., 1898, 518, t. h. *Remora remora*; Woods Hole.—1898: Dist. 1899: *Hemius*.
- monticellii* Stoss., 1904, 2, t. h. *Tropidonotus viperinus*, intestine; Naples.—1904: *Astiotrema*.
- monticellii* Scott, 1902, 300, t. h. *Raia clavata*; Scotland.—1902: *Acanthocotyle*.
- monticellii* Par. & Perugia (1895), 2.—1895: *Phylline*. 1896: *Epibdella* (*Phylline*). 1903: E. (*Benedenia*).
- mordax* Looss, 1899b, 688, t. h. *Pelecanus onocrotalus*; Egypt.—1899: *Echinost.*
- mordens* Braun, 1901g, 941, t. h. *Rallus* sp.; Brazil.—1901: *Harmost.*
- mormiri* Mont., 1888a, 34, for *mormyri* (*Microcotyle*).
- mormyri* Lorenz, 1878a, 21, t. h. *Pagellus mormyrus*; Triest.—1878: *Microcotyle*.
- mormyri* Stoss., 1885, 160, t. h. *Pagellus mormyrus*; Triest.—1885: Dist. 1886: D. (*Brachylaimus*). [1899: ?*Creadium*.]
- mormyris* Hausmann, 1897b, 28, for *mormyri* (Dist.).
- morrhua* Ben. & Hesse, 1863, 106, t. h. *Gadus morrhua*.—1863: *Pterocotyle*. 1879: *Octobothrium*. 1890: O. (*Pterocotyle*). 1898: *Dactylocotyle*.
- motellæ* Ben., 1870, 63, t. h. *Motella mustela*.—1870: Dist.
- [*mucosum* von Dr. (Dist.), a tunicate.]
- mühlingi* Jägers., 1899a, 7, t. h. *Larus ridibundus*; Pillau.—1899: Dist. 1899: *Tocotrema*.
- muehlingi* Looss, 1899b, 586, for *mühlingi* (*Tocotrema*).
- muellerii*, see *mülleri* (Dist.).
- mülleri* Cobbold, 1860a, 50, t. h. *Petromyzon fluviatilis*.—1860: *Diplost.*
- mülleri* Levin., 1881a, 56, t. h. *Cottus scorpius*, *Gadus ovak*; Egedesminde.—1881: Dist. 1886: D. (*Brachylaimus*). 1899: *Progonus* (type). [1902: *Genarches* (type).] 1905: *Genarches* (type).
- mugilis* Vogt, 1878, 327, t. h. *Mugil cephalus*; Roscoff.—1878: *Microcotyle*.
- mugylis* Sons., 1891, 253, for *mugilis* (*Microcotyle*).
- mullerii* Mont., 1888, 34, 37, for *mülleri* (Dist.).
- mulli* Stoss., 1883, 114, t. h. *Mullus barbatus*; Triest.—1883: Dist. 1886: D. (*Echinost.*).
- multilobum* Cobbold, 1860a, 46, t. h. *Charadrius pluvialis*.—1860: *Holost.*
- munroi* Brown, 1899a, 490, for *monroi* (*Neuronaia*).
- murænulæ* Cobbold, 1860a, 43, for *marænulæ* (*Monost.*).—[1860: *M. braunii*.]
- muris* Erc., 1882c, pl. 3, figs. 16-21.—1882: Dist.



- mus mus hepatica* Röederer, 1762, 537, t. h. *Mus musculus*; Germany.—1762: Fasc. [1905: *Cysticercus fasciolaris*.]
- musculi* Rud., 1819a, 119, t. h. *Mus musculus*; Cat. Vien.—1819: Dist. [See *D. recurvum*.]
- musculicola* Waldenburg, 1860, 12, t. h. *Cyprinus*, *Perca fluviatilis*.—1860: Holost. 1892: Diplost. 1894: Tetracotyle.
- musculorum* Braun, 1893, 871, *musculorum percae*, 1860, renamed; in *Perca fluviatilis*.—1893: Dist.
- musculorum percae* Waldenburg, 1860, 16, t. h. *Perca fluviatilis*.—1860: Dist.
- musculorum suis* Düncker, 1896, 279, t. h. *Sus scrofa dom.*; Germany.—1896: Dist. [1898: *Agamodistomum suis*.]
- musculosum* Johnston, 1904, 112, t. h. *Sterna bergii*.—1904: Holost.
- musculum* Brett, 1880a, 453, t. h. *Ovis aries*.—1880: Dist.
- mutabile* Mol.; 1859, 833, t. h. *Podarcis muralis*; Padua, Italy.—1859: Dist. 1895: *D. (Dicrocoelium)*. 1901: *Dicrocoelium*. 1902: *Anchitrema*.
- mutabile* Zed., 1800a, xvi, t. h. *Fulica chloropus*; Germany.—1800: Monost. 1809: Monost. (Monost.). 1835: Amphist. 1890 (1888?): Monost. (type). [1892: *Cyclocœlum*, type.] [1901: *Cyclocœlum*, type.] 1902: *Cyclocœlum* (type). 1904: (*Cyclocœlum*).
- mutabile* Dies., 1850a, 301, *Diplodiscus diesingi* renamed, t. h. *Planorbis nitidus*; Ticini.—1850: *Diplocotyle* (type). 1894: *Diplodiscus* (*Diplocotyle*). [1858: *Diplodiscus subclavatus*.]
- mutabilis* Schrank, 1803, 210.—1803: Fasc.
- mutabilis* Dies., 1850a, 317, *urnigerum* 1819 renamed, t. h. *Pelophylax esculentus*; Europe.—1850: *Codonocephalus* (type). 1896: Diplost. (*Codonocephalus*).
- mutabilis* Dies., 1839a, 234, t. h. *Cataphractus n. sp.* [*Cichla temensis*]; Rio Negro, Brazil.—1839: *Aspidocotylus* (type). 1850: *Aspidocotyle* (type).
- mutabilis* Stoss., 1902, 579, t. h. *Anguillula vulgaris*; Triest.—1902: *Loborchis*. 1903: *Helicometra*.
- mutabilis* Eichwald, ———: *Planaria*.
- myda* Braun, in Rud., 1809a, 336, as syn. of *Monost. trigonocephalum*.—1809: *Planaria*.
- myda*, see *midas* (Polyst.).
- mydas*, see *midas*.
- myliobatis* Tasch., 1878, 574, t. h. *Myliobatis aquila*; Naples.—1878: *Monocotyle* (type).
- myocerca* Villot, 1878, 32, t. h. *Scrobicularia tenuis*.—1878: Cerc.
- mystacidis* Linst. 1896i, 379, t. h. *Mystacides nigra*.—1896: Dist.
- myzura* Pag., 1881, 18, t. h. *Neritina fluviatilis*.—1881: Cerc.
- naia* Duj., 1845a, 387, for *naja*.—1845: Dist. (*Dicrocoelium*).
- naidis proboscidiæ* Dies., 1858d, 283.—1858: *Cercaræum*.
- naja* Rud., 1819a, 99, t. h. *Coluber natrix*; Berlin.—1819: Dist. 1845: *D. (Dicrocoelium)*. 1899: *Macrodera* (type). 1902: *Saphedera* (type).
- nana* Rud., 1802b, 68, t. h. *Scolopax gallinula*; Greifswald, July.—1802: Fasc. 1809: Dist. 1901: *Plagiorchis*.
- nanodes* Braun, 1901g, 942, t. h. *Falco nitidus*; Brazil.—1901: *Urotrypa* (type).
- nardoi* Polonio, 1859, see Par., 1894, 147, t. h. *Lacerta muralis*; Padua.—1859: Dist.
- nassæ mutabilis* Fil., 1855b, 22.—1855: Dist.
- nattator* Claparède, 1863a, 13, free.—1863: *Onchogaster* (type).
- nattereri* Cobbold, 1860a, 52, *cornu* Dies., 1839a, renamed; t. h. *Callichthys vacu*; Brazil.—1860: Amphist.
- negacotyle* Dies., 1850a, 379, misprint for *megacotyle* (Dist.).
- neglecta* Fil., 1854b, 278, t. h. *Lymnæus pereger*; prope Augustam Taurinorum.—1854: Cerc. 1855: C. (*Eucercaria*). 1858: C. (*Gymnocephala*).
- neglectum* Linst., 1887d, 101, t. h. *Rana temporaria*.—1887: Dist. 1889: *D. (Dicrocoelium)*. [1899: *Pleurogenes claviger*.]
- nematoides* Cohn, 1904, 238, t. h. *Aquila albicilla*.—1904: *Pronopharynx* (type).
- nematoides* Crep., 1846, 129, t. h. *Falco albicilla*.—1846: Monost.
- nematoides* Mueh., 1898, 18, t. h. *Tropidonotus natrix*; East Prussia.—1898: Dist. 1899: *Telorchis*.

- nephriticum* Mehlis, in Crep., 1846, 138, t. h. *Colymbus arcticus*.—1846: Monost. 1904: Eucotyle (type).
- nepbrocephalum* Dies., 1850a, 391, t. h. *Turdus saxatilis*; M. C. V.—1850: Dist. 1860: Echinost.
- nepbrocephalum* Dies., 1858e, 327, in *Sphargus coriacea*; N. America; renicapite Leidy, 1856, renamed.—1858: Monost.
- nephropsis* Cunningham, 1884a, 399, t. h. *Nephrops norvegicus*; Firth of Forth.—1884: Stichocotyle (type).
- neuronaia monroii* Maddox, 1867, 97, see *monroii*.—1867: Dist.
- neuronaia monroii* Cobbold, 1872b, 52, for *neuronaia monroii* (Dist.).
- nigra* Mueller, 1774, 54, in rivo.—1774: Fasc. 1787: Planaria.
- nigrescens* Olss., 1876, 19, t. h. *Lophius piscatorius*.—1876: Dist.
- nigroflavum* Rud., 1819a, 118, t. h. *Orthagoriscus mola*; Naples.—1819: Dist. (Echinost.). 1893: D. (Accacœlium). 1899: Accacœlium. 1903: Echinost.
- nigropunctatum* Linst., 1883, 310, t. h. a bird "Akatzä," Turkestan.—1883: Monost.
- nigrostavum* Deslongchamps, 1829, 238, misprint for *nigroflavum* Rud. (Dist.).
- nigrovenosum* Bellingham, 1844, 429, t. h. *Tropidonotus natrix*; England.—1844: Dist. 1895: D. (Dicrocœlium). 1899: Lecithodendrium. 1902: Brachycœlium.
- nigrovenosum natrixis torquatæ* Dies., 1855, 64, based on Bellingham, 1844.—1855: Dist.
- nigrum* Linst., 1883, 307, t. h. *Corvus cornix*.—1883: Dist.
- nipponicum* Goto, 1891a, 151, t. h. *Carassius vulgaris*.—1891: Diplozoon.
- nitens* Lint., 1898c, 534, t. h. *Tylosurus caribbæus*; Woods Hole.—1898: Dist.
- nitidum* Leidy, 1856, 45, t. h. *Rana pipiens*.—1856: Holost.
- [*nitidum* Sluiter, 1898, 17 (Dist.), a tunicate.]
- noctulæ* Cobbold, 1860a, 39, *vespertilionis* Rud., renamed, t. h. *Vespertilio noctula*.—1860: Monost.
- noctulæ* Rud., 1819a, 119, t. h. *Vespertilio noctula*; C. E. V.—1819: Dist.
- nocturnus* Looss, 1907, 479, t. h. *Athene noctua*; Egypt.—1907: Philophthalmus.
- nodulosa* Linst., 1873, 3, t. h. *Bythinia tentaculata*.—1873: Cerc. [1894: C. virgula Fil.]
- nodulosa* Frœlich, 1791, 76, includes *percæ cernuæ* 1776, t. h. *Perca cernua*, P. fluvialis.—1791: Fasc. 1800: Dist. 1845: Dist. (Crossodera, type). 1860: Crossodera. [1896: Bunodera, type.] 1899: Bunodera, type.
- non coronata* Crep., 1837a, 326.—1837: Dist. [As name of a group of distomes.]
- nordmanni* Dies., 1850a, 428, t. h. *Brama mediterranea*.—1850: Encotyllabe (type). 1878: Trist. 1890: Plectanocotyle.
- normanni* Braun, 1890a, 550, for *nordmanni* (Encotyllabe).
- notidobia* Linst., 1896i, 379, t. h. *Notidobia ciliaris*.—1876: Dist.
- notulata* Bosc, 1802a, 254.—1802: Planaria.
- novæ-zelandiæ* Haswell, 1887a, 284, t. h. *Paranephrops setosus*; New Zealand.—1887: Temnocephala.
- noverca* Braun, 1902, 836, "conjunctum Cobbold" of Lewis & Cunningham, 1872, renamed, t. h. *Homo*; India.—1902: Opisthorchis. 1907: Dist.
- nozawæ* Goto, 1894a, 249, t. h. *Thynnus sibi*; Japan.—1894: Trist.
- obesa* Ben., 1870, 33, t. h. *Cottus scorpius*.—1870: Dist.
- obesum* Looss, 1902h, 135, t. h. *Mugil auratus*, M. cephalus, M. chelo; Trieste.—1902: Saccocœlium (type).
- obesum* Dies., 1850a, 361, t. h. *Leporinus friderici*, *Salminus brevidens*, *Xiphostoma cuvieri*; Brazil.—1850: Dist.
- obesus* Crep., 1851b, 292, t. h. *Lacerta agilis*.—1851: Tetrathyrus (type). 1866: Petratyrus. [Monost. lacertæ.] [1860: Monost. gurltii.] [Dithyridium, Piestocystis, cestode.]
- obliquus* Looss, 1901, 30 Oct., 566, "trigonocephalus Rud." of Looss, 1899b, 666, 756, figs. 84–86.—1901: Pronocephalus (type).
- oblonga* Cobbold, 1858b, 168, t. h. *Delphinus phocæna*.—1858: Campula (type). 1891: Dist. 1892: D. (Brachylaimus). 1898: Opisthorchis.
- oblongum* Mont., 1888a, 57, for *oblongum* (Polyst.).

- oblongum* Cobbold of Braun, see Looss, 1902m, 716 (*Brachycladium*).  
*oblongum* R. Wright, 1879, 12, t. h. *Aromochelys* (*Sternothærus*) *odoratus*; Toronto. Canada.—1879: Polyst.  
*obovatum* Mol., 1858, 288, t. h. *Chrysophris aurata*; Padua.—1859: Dist. 1886: D. (*Brachylaimus*). [1899: *Creadiinae*.] 1901: *Allocreadium*.  
*obscura* Mueller, 1774, 65, in piscinis.—1774: Fasc. 1776: *Planaria*.  
*obscura* Sons., 1892, Oct. 7, 138, t. h. *Limnæa natalensis*; Cairo, Egypt.—1892: Cerc.  
*obscurum* Staff., 1904, 484, t. h. *Lophius piscatorius*; Canada.—1904: *Leptosoma* (type).  
*obscurum* Leidy, 1887, 24, t. h. *Megalops thrissoides*; Coll. Army Med. Mus., Wash.—1887: Monost.  
*obtusum* Looss, 1896b, 78, t. h. *caméléon*, Alexandria, Egypt.—1896: Dist. 1899: *Lecithodendrium*.  
*occidentalis* Nickerson, 1900, 250, t. h. sheephead; Mississippi Valley.—1900: *Cotylogaster*.  
*occidialis* Staff., 1905, 687, t. h. *Rana clamata*, *R. catesbiana*; Canada.—1905: *Halipegus*.  
*occulum* Staff., 1905, 682, t. h. *Diemyctylus viridescens* Raf., *Rana virescens*; Canada.—1905: Manodist. (type).  
*ocellata* LaValette, 1855, 22, t. h. *Limnæus stagnalis*.—1855: Cerc. [1858: *Histrionellina fissicauda*.]  
*ocellatum* Rud., 1819a, 125, t. h. *Testudo orbicularis*; Arimini.—1819: Polyst. 1828: *Hexacoctyla*. 1828: *Hexacoctyle*.  
*ochreateum* Nitzsch, in Giebel, 1857, 265, t. h. *Falco haliaëtus*.—1857: Holost.  
*ocrea* Rud., 1802b, 79, *halicis* 1790 renamed; t. h. *Clupea harengus*.—1802: Fasc. 1809: Dist. 1845: D. (*Apoblema*). 1889: *Apoblema*. 1899: *Pronopyge* (type).  
*ocrea* Gœze, 1782a, 182, t. h. *Maulwurf*; Europe.—1782: Fasc. 1788: *Cucullanus*. 17—: *Festucaria* (Schränk). 1800: Monost. 1809: M. (Monost). 1899: Dist. [1899: *Itygonimus*, type.] 1902: *Itygonimus*. [*Distomum lorum*.]  
*ocreatum* Mol., of Olss., 1868, 48.—1868: Dist. 1891: *Apoblema*. 1899: *Hemiurus*. [1905: *Brachyphallus crenatus* (Rud.).]  
*ocreatum* Rud. of Mol., 1858, 209, in *Clupea alosa*; Padua.—1858: Dist.  
*octopodis* Cuvier, 1829b, 147.—1829: *Hectocotylus* (type).  
*octopodis* delle Chiaje, 1841, 139.—1841: Dist.  
*octopodis* delle Chiaje, teste Par., 1894, 169, t. h. *Octopus vulgaris*; Naples.— —: Monost.  
*ocular* de Bonis, 1882, 180, for *oculare*.—1882: Dist. [Agamodist. *ophthalmobium*.]  
*oculare* Moquin-Tandon, 1860, 347, for D. *oculi humani*.—1860: Dist. 1860: Fasc. [Agamodist. *ophthalmobium*.]  
*oculatum* Levin., 1881a, 64, t. h. *Cottus scorpius*; Egedesminde.—1881: Dist. 1886: D. (*Echinost.*). 1905: *Acanthopsolus* (type).  
*oculi humani* Gescheidt, 1833, 434, t. h. *Homo*; Dresden, Saxony.—1833: Dist. 1858: *Diurocelium*. [Agamodist. *ophthalmobium*.]  
*oculis* Moquin-Tandon, 1861, 375, for *ocularis*.—1861: Fasc. [Agamodist. *ophthalmobium*.]  
*oculobium* Cohn, 1902d, 712, t. h. *Vanellus melanogast.*; Greifswald coll.—1902: Monost.  
*odontocotyla* Dies., 1858d, 264, t. h. *Limnæus stagnalis*; Berlin.—1858: Cerc.  
*osophagi ardæ nigræ* Viborg, 1795, 242.—1795: Dist. [1850: D. *hians*.]  
*oidemæ nigræ* Dies., 1858e, 322, based on Bellingham, 1844a, 340.—1858: Amphist. [1858: Holost. *anatis nigræ*.]  
*okeni* Ariola, 1906, 186, for *okenii* (Dist., Köllikeria).  
*okenii* Kölliker, 1849c, 55, t. h. *Brama raji*.—1849: Dist. [1860: Köllikeria.]  
*okul' humani* Schneidemuëhl, 1896, 302, for *oculi humani*.—1896: Dist.  
*oligoon* Linst., 1887d, 103, t. h. *Gallinula chloropus*.—1887: Dist. 1892: D. (*Brachylaimus*).  
*oligoterus* Mont., 1899, 76, t. h. *Raja clavata*; Naples.—1899: *Acanthocotyle*.  
*oloris* Dies., 1855, 64, based on Bellingham, 1844, 427.—1855: Dist.  
*olssoni* Odhn., 1905, 326, t. h. *Gadus melanostomus*; Lumprenus *maculatus* from west coast of Sweden.—1905: *Podocotyle*.

- olssoni* Rail., 1900, 239, t. h. *Apus apus*.—1900: *Dicrocoelium*.  
*onchacanthus* Massa, 1906, 44, t. h. unknown; Triest.—1906: *Trochopus*.  
*onchidocotyle* Setti, 1899, 121, t. h. "tonno;" Portoferraio.—1899: *Trist.*  
*onycephalum* Galli-Valerio, 1898, 923, misprint for *oxycephalum* (*Dist.*).  
*opaca* Bory de St. Vincent, 1823a, 354, in infusions de pois.—1823: *Cerc.*  
*opaca* Staff., 1902, 416, t. h. *Bufo lentiginosus*; America.—1902: *Gorgodera*. 1905: *Gorgoderina*.  
*opacum* Ward, 1894, 173, t. h. *Amia calva*, *Cambarus propinquus*, *Ictalurus punctatus*, *Perca flavescens*; Lake St. Clair.—1894: *Dist.* 1894: *D.* (*Brachycœlium*). 1899: *Levinsenia*. 1901: *Microphallus* (type).  
*operculata* Herbst, 1787a, 36.—1787: *Planaria*.  
*ophthalmobium* Dies., 1850a, 334, *oculi humani* renamed; Dresden.—1850: *Dist.* 1892: *Agamodist.*  
*ophthalmothium* Luehe in Stiles, 1903u, 223, for *ophthalmobium* (*Agamodist.*).  
*opisthotrias* Lutz, 1895, 181, t. h. *Didelphys aurita*.—1895: *Dist.* 1899: *Harmost.* 1899: *Heterolope*.  
*orbicolare* Sons., 1891, 262, misprint for *orbiculare* (*Monost.*).  
*orbiculare* Dies., 1850a, 349, t. h. *Cebus trivirgatus*; Brazil.—1850: *Dist.* 1901: *Phaneropsolus*.  
*orbiculare* Rud., 1819a, 83, t. h. *Sparus salpa*; Naples.—1819: *Monost.* (*Monost.*). 1901: *Mesometra* (type).  
*orbis* Mueller, 1786, 138, in aqua, ubi *Lemna*, rarissime.—1786: *Cerc.* 1815: *Furco-cerca*. 1827: *Lecane*.  
*oricola* Leidy, 1884a, 47, t. h. *Alligator mississippiensis*; Florida.—1884: *Dist.* [1895: *D. pseudostomum*.]  
*oricula* Mont., 1892, 715, misprint for *oricola* (*Dist.*).  
*ornata* LaValette, 1855, 18, t. h. *Planorbis corneus*.—1855: *Cerc.* 1858: *C.* (*Acanthocephala*). [1858: *Dist. clavigerum*, type of *Pleurogenes* 1899.]  
*ornata* Will.-Suhm, 1870, 9, t. h. *Alligator lucius*; Charleston.—1870: *Polycotyle* (type).  
*ornata* Odhn., 1902, 22, t. h. *Nilkrokodil*.—1902: *Stephanoprora* (type).  
*ornatum* Leidy, 1856, 43, t. h. *Rana pipiens*; Phila.—1856: *Monost.*  
*ornatum* Cobbold, 1882a, 240, t. h. *Elephas indicus*; India.—1882: *Amphist.* 1895: *Pseudodiscus*.  
*ornithorhynchi* Johnston, 1901, 334, t. h. *Ornithorhynchus anatinus* Shaw.—1901: *Dist.*  
*orphii* Ben. & Hesse, 1863, 116; 1864, 116, t. h. *Esox belone*.—1863: *Axine*. [1879: *A. belones*.]  
*orthagorisci molx* Dies., 1855, 64, based on Bellingham, 1844, 429.—1855: *Dist.* [1850: *D. macrocotyle*.]  
*orthocœlium* Fischder., 1901, 369, t. h. *Bos kerabau*; Ceylon.—1901: *Paramphist.*  
*osculatum* Looss, 1901, 654, t. h. *Motella vulgaris*.—1901: *Dist.*  
*osleri* R. Wright, 1879, 66, t. h. *Necturus lateralis*? Canada.—1879: *Sphyrnura* (type).  
*osleri* Mont., 1888a, 8, for *osleri* (*Sphyrnura*).  
*oti* Rud., 1819a, 354, for *otidis*, syn. of *macrocephalum*.—1819: *Festuc.*  
*otidis* Froelich, 1802, 53, t. h. *Strix otus*.—1802: *Festuc.* [*Amphist. macrocephalum*.]  
*ovale* Goto, 1894a, 241, t. h. *Histiophorus orientalis*; Misake, August.—1894: *Trist.* [1899: *T. læve*.]  
*ovalis* Schrank, 1803, 86.—1803: *Cerc.*  
*ovata* Villot, 1878, 20, t. h. *Lygia oceanica*.—1878: *Cerc.*  
*ovata* Rud., 1803a, 25, t. h. *Corvus frugilegus*.—1803: *Fasc.* 1809: *Dist.* 1845: *Dist.* (*Dicrocoelium*). 1892: *Cephalogonimus*. 1896: *D.* (*Cephalogonimus*). 1899: *Prosthogonimus* (type). 1899: *Prymnoprion* (type). 1901: *Prosthogonimus* (type). 1902: *Prostogonimus*.  
*ovata* Linst., 1877, 192.—1877: *Tetracotyle*. [1894: *Holost. variegatum*.]  
*ovata* Goto, 1894a, 234, t. h. *Anthias schegeli*; Misaki, Japan, August.—1894: *Epib-della*. 1902: *Trist.* 1903: *E.* (*Benedenia*).  
*ovatum* Lint., 1900, 269, t. h. *Lobotes surinamensis*; Woods Hole.—1900: *Gasterost.*  
*ovatum* Dies., 1850a, 302, for *Dist. luteum* Baer, 2, 610, pl. 29, figs. 20–22, in *Paludina vivipara*; Regiomontii.—1850: *Heterost.* 1858: *Cercariæum*. [1858. *Dist. luteum* Wagener.]

- ovatum* Mol., 1859, 822, t. h. *Gallinula crex*; Batavii.—1859: Monost.
- oricola* Brand., 1894a, 303, t. h. *Arius commersonii*; Brazil.—1894: *Fridericianella* (type).
- oviforme* Poir., 1886, 26, t. h. *Nycticebus javanicus*.—1886: Dist. 1892: Dist. (*Brachycorlium*). 1899: *Phaneropsolus*. 1899: *Lecithodendrium*.
- ovis* Cobbold, 1885a, 499, t. h. *Ovis*.—1885: *Bilharzia*.
- ovocaudatum* Vulpian, 1859, 150, t. h. *Rana viridis*.—1859: Dist. 1899: *Halipegus* (type).
- ovofarctum* Odhn., 1902, 153, t. h. *Synodontis* sp.; Omdurman.—1902: Dist.
- oropunctatum* Stoss., 1902, 15, t. h. *Numenius arquata*.—1902: *Cyclocelum*.
- orum* Crep., 1846, 159, t. h. *Planorbis marginatus*.—1846: Dist.
- orycephalikum* Schneidemuehl, 1896, 303, for *oxycephalum* (Dist.).
- orycephalum* Rud., 1819a, 98, t. h. *Anas boschas*, *A. clypeata*.—1819: Dist. 1896: *Echinost.*
- orycephalum* Dies., 1836d, 238, t. h. *Salmo auratus*, *S. pacu* and *Silurus megacephalus* at Cuyaba, and *Salmo pacupeba* at Rio Panara and Rio Araguay; Brazil.—1836: *Amphist.* 1905: *Chiorchis*.
- oryurum* Crep., 1825, 48, t. h. *Anas marila*; Germany.—1825: Dist. 1902: *Psilost.*
- pachisomum* Par., 1894, 155, for *pachysoma* (Dist.).
- pachycerca* Dies., 1858d, 257, includes *C. brachyura* Lespés, t. h. *Trochus cinereus*; Francogalliæ.—1858: *Cerc.* (*Acanthocephala*).
- pachycerca* Claparède, 1863a, 12, free form; St. Vaast.—1863: *Cerc.*
- pachyderma* Braun, 1899a, 629, t. h. *Chelone atra*.—1899: Dist.
- pachysoma* Eysenhardt, 1829, 144, t. h. *Mugil auratus*.—1829: Dist. 1886: *D.* (*Podocotyle*). 1893: *D.* (*Monorchis*). 1898: *Podocotyle*. 1902: *Haplospianchnus* (type).
- pacifica* Steenstrup, 1842, 74.—1842: Dist.
- pacifica* Ben., 1858a, 1861a, 86, as syn. of *Dist. militare*.—1858: *Cerc.*
- pagelli* Ben., 1870, 1871a, 43, t. h. *Pagellus centrodonatus*; Belgium.—1870: Dist. 1886: *D.* (*Cladocelum*).
- pagelli* Ben. & Hesse, 1863, 80, t. h. *Pagellus centrodonatus*.—1863: *Encotyllabe*. 1878: *Trist.*
- pagenstecheri* Ssinitzin, 1905, 34, *Dist. cygnoides* Zed. of *Pag.*—1905: *Gorgodera*.
- palamonis* Linst., 1877b, 186, t. h. *Palæmon serratus*.—1877: Dist.
- [*palea* (Nitzschia), a diatom.]
- paliatum* Braun, 1892a, 608, misprint for *palliatum* (Dist.).
- pallatii* Poir., 1885, 13, t. h. *Delphinus phocæna*.—1885: Dist. 1892: *D.* (*Dicrocelium*).
- palleniscum* Shipley & Hornell, 1905, 53, t. h. *Balistes* sp.; Ceylon.—1905: Dist.
- pallens* Rud., 1819a, 111, t. h. *Sparus aurata*; Naples.—1819: Dist. 1886: *D.* (*Dicrocelium*).
- palliatum* Looss, 1885a, 390, t. h. *Delphinus delphis*.—1885: Dist. 1892: *Cladocelum*. 1899: *Brachycladium* (type). 1901: *Camputa*.
- pallidum* Staff., 1904, 487, t. h. *Fundulus heteroclitus*; Woods Hole.—1904: *Homalometron* (type).
- pallidus* Looss, 1902n, 889, t. h. *Milvus ægyptiacus*; Egypt.—1902: *Heterophyes*.
- palmatum* Rentsch, 1860, 38, t. h. *Seestichling*, *Gasterosteus spinachia*.—1860: Dist.
- palmatum* Leuck., 1830, 612, t. h. *Gadus molva*; Germany.—1830: *Octobothrium*. 1842: *Octobothrium*. 1845: *Octobothrium* (*Cyclocotyle*). 1850: *Diclidophora*. 1859: *Octoplectanum*. 1864: *Pterocotyle* (type). 1879: *Octobothrium*. 1890: *Octobothrium* (*Pterocotyle*). 1895: *Dactylocotyle*.
- palonia* J. Poir., 1883, 73, t. h. *Palonia frontalis*; Java.—1883: *Homalogaster*, type.
- palpebrarum* Looss, 1899, 587, t. h. *Corvus cornix*, *Milvus parasiticus*; Egypt.—1899: *Philophthalmus* (type).
- paludina impuræ* Baer, see Dies., 1855a, 400.—1855: *Cerc.* 1855: Dist. 1855: *Cercariæum*.
- paludina impuræ* Fil., 1854, 279, t. h. *Paludina impura*.—1854: Dist. 1855: *Cercariæum*. [1858: *C. p. i. inermis*.]
- paludina impuræ armatum* Fil., 1857, 207, t. h. *Paludina impura*.—1857: Dist. 1858: *Cercariæum*.

- paludinæ impuræ inerme* Fil., 1857, 207.—1857: Dist. 1858: Cercariæum. [1858: Dist. perlatum.]
- paludinæ impuræ* (tentaculorum) Dies., 1855, 399, based on Baer, 1827b, 655, in *Paludina impura*; Regiomontii.—1855: Cercariæum.
- paludina viviparæ* Dies., 1855, 399=helicis viviparæ renamed, t. h. *Paludina vivipara*; Vilnæ.—1855: Cercariæum.
- [*pancerii* D. Valle (Dist.) a tunicate.]
- pancerii* Sons., 1891, 303, t. h. *Umbrina cirrhosa*; Italy.—1891: Microcotyle.
- pancreaticum* Janson, 1889a, or Rail., 1890, 143, t. h. sheep; Japan.—1890: Dist. 1897: Dicrocœlium. 1907: Eurytrema, type.
- pancreaticum* Katsurada & Saita, 1906, 501, t. h. cattle; Japan.—1906: Dist. [Eurytrema.]
- pancreatinum* Ward, 1895, 335, for *pancreaticum* (Dist.).
- pandum* Braun, 1901a, 48, t. h. *Thalassochelys caretta*; Naples.—1901: Monost.
- panduriforme* Rail., 1900, 240, t. h. *Pica pica*.—1900: Dicrocœlium.
- pangasii* MacCallum, 1905, 668, t. h. *Pangasius nasutus*; Palembang, Sumatra.—1905: Cladorchis.
- papillatum* Rud., 1814a, 105, t. h. *Anas boschas fera*; Germany.—1814: Dist.
- papillatum* Ben., 1858a, 38.—1858: Trist.
- papillatum* Cobbold, 1882, 240, t. h. *Elephas indicus*; India.—1882: Amphist.
- papilliferum* Mol., 1859, 290, t. h. *Belone acus*; Batavii.—1859: Dist. 1886: D. (Crossodera).
- papilliferum* Braun, 1892a, 586, for *papillatum* Cobbold, 1882 (Amphist.).
- papillorum* Juel, 1889, 14, for *papillosum* (Trist.).
- papillosa* Erc., 1881 or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—1881?: Cerc.
- [*papillosa* Crep., 1837a, 326, name of a group of Dist.]
- papillosa* Lint., 1898, 508, t. h. *Gadus callarias*; Woods Hole.—1898: Nitzschia. 1904: Lintonia (type).
- papillosum* Dies., 1836, 313, t. h. *Xiphias gladius*.—1836: Trist. 1840: Capsala.
- papillosum* Dies., 1850a, 381, D. beroës Will, renamed; t. h. *Beroe rufescens*; Triest.—1850: Dist. 1860: Crossodera.
- paradoxum* Nord., 1832a, 56, t. h. *Cyprinus brama*.—1832: Diplozoon (type).
- paradoxum* Carus, 1833a, 1835, 86, t. h. *Succinea amphibia*, *Helix putris*; Saxony.—1835: Leucochloridium (type).
- paradoxus* Rud., 1810a, 257, t. h. *Tetrodon mola*; Europe.—1810: Schisturus (type).
- paradoxus* Crep., 1839a, 292, t. h. *Perca lucioperca*; Greifswald.—1839: Ancyrocephalus (type). 1878: Dactylogyrus. [1879: Tetraonchus unguiculatus.]
- parallelum* Looss, 1901i, 622, t. h. *Chelone mydas*; Alexandria, from Egyptian coast.—1901: Microscaphidium. 1902: Angiodictyum (type).
- parasitica* Jægers., 1897, 707, t. h. *Raja clavata*, *R. lævis*; Kattegat.—1897: Micropharynx (type) [ectoparasitic triclad].
- paronæ* Mont., 1893, 43, t. h. *Seriola dumerilii*.—1893: Dist.
- parva* Erc., 1881 or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—1881?: Cerc.
- [*parva* Sluiter, 1900, 6 (Dist.), a tunicate.]
- parva* Stoss., 1904, 10, t. h. *Rana esculenta*; Istria centrale.—1904: Brachymetra (type).
- parvulum* Staff., 1904, 494, t. h. *Semotilus bullaris*; Canada.—1904: Diplost.
- parvulus* Marshall & Gilbert, 1905, 478, t. h. *Micropterus salmoides*; near Madison, Wis.—1905: Cæcincola (type).
- parvus* Braun, 1901, 19, t. h. *Testudo orbicularis*; Vien. Mus.—1901: Telorchis. 1905: T. (Cercorchis).
- parvus* Looss, 1902i, 118, t. h. *Sargus annularis*, *S. rondeletii*; Triest.—1902: Monorchis.
- pastinacæ* Scott, 1904, 279, t. h. *Trygon pastinaca*; Scotland.—1904: Heterocotyle, type.
- patagiatum* Crep., 1846, 135, t. h. *Ardea stellaris*.—1846: Holost.

- patellare* Sturges, 1897, Sept., 57, t. h. *Triturus* (Molge) *pyrrhogaster* Boie.—1897: Dist. [1899: Phyllodist.] 1899: *Spathidium*. 1901: *Phyllodist*.
- pectinata* Huet, 1891a, 162, t. h. *Donax anatinum*.—1891: Cerc.
- pectinatum* Lint., 1905, 327, t. h. *Trachinotus carolinus*, *Bairdiella chrysura*; Beaufort, N. C.—1905: Dist.
- pedata* Schrank, (1796), 335, t. h. *Anas querquedula*.—1796: *Festuc*. [1905: *Catatropis verrucosa*.]
- pedatum* Looss, 1899, 592, t. h. *Bagrus bayad*, B. *docmac*; Cairo, Egypt.—1899: *Glossidium* (type).
- pedatum* Dies., 1850a, 309, t. h. *Didelphis myosurus*, D. *cancrivorus*; Brazil.—1850: Hemist.
- pedatus* Wagener, 1857, 99, t. h. *Julis*.—1857: *Dactylogyrus*. 1858: *Diplectanum*.
- pedatus* Dies., 1836c, 310, bellones 1794, renamed, t. h. *Esox belone*.—1836: *Heteracanthus*. [1794: *Axine*, type.]
- pedicellatum* Stoss., 1887, 184, t. h. *Chrysophrys aurata*; Triest.—1887: Dist. 1898: *Podocotyle*. [1899: *Creadiinae*.]
- pedocotyle* Leidy, 1890, 282, t. h. *Mola rotunda*; New Jersey.—1890: Dist.
- pegorchis* Stoss., 1901, 94, t. h. *Mæna smaris*; Triest.—1901: *Creadium*. 1901: *Allocreadium*. 1904: *Lepocreadium*.
- pelagiæ* Kœlliker, 1849, 53, t. h. *Pelagia noctiluca*; Naples.—1849: Dist. 1893: D. (*Accacœlium*). 1900: *Accacœlium*.
- pelagica* Mont., 1888, 45.—1888: Cerc.
- pelagicum* Staff., 1900, 399, at Passamaquoddy Bay, St. Andrews, New Brunswick.—1900: Dist. 1902: *Hemiurus* (*Apoblema*).
- pelamydis* Tasch., 1878, 176, t. h. *Pelamys sarda*; Naples.—1878: Trist.
- pelamydis* Tasch., 1879, 612, t. h. *Pelamys sarda*; Naples.—1879: *Didymozoon*.
- pellucidum* Linst., 1873, 95, t. h. *Gallus domesticus*.—1873: Dist. 1890: *Cephalogominus*. 1892: D. (*Dicrocœlium*). 1892: *Mesogominus*. 1899: *Prymnoprion*. 1899: *Prosthogominus*.
- pellucidum* Schlotthauber, 1860, 129, t. h. *Petromyzon fluviatilis*.—1860: *Holost*.
- pelophylaxis esculenti* Wedl, 1849, 197.—1849: Dist.
- pendulum* Looss, 1899b, 688, t. h. *Recurvirostra avocetta*; Egypt.—1899: *Echinost*.
- percæ* Gmelin, 1790a, 3057, *percæ cernuæ* 1776 renamed; t. h. *Perca cernua*.—1790: Fasc. [1809: Dist. *nodulosa*.]
- percæ* Mont., 1888a, 7, 30.—1888: *Tetracotyle*.
- percæ cernuæ* Mueller, 1776, 224, t. h. *Perca cernua*.—1776: Fasc. [1809: D. *nodulosum*.]
- percæ fluviatilis* Moul., 1856, 230.—1856: *Tetracotyle*. [1858: T. *typica*.]
- percina* Schrank, 1790, 123, t. h. *Perca asper*, P. *vulgaris*.—1790: Fasc. [1809: D. *nodulosum*.]
- peregrinum* Braun, 1900f, 389, t. h. *Rhinolophus ferrum-equinum*.—1900: Dist. 1900: *Mesotretes* (type).
- pericardium* Crep., 1849a, 78, D. *helicis* Leidy, renamed.—1849: Dist. [1858: *Cercariæum vagans*.]
- perlalum* Nord., 1832, 88, t. h. *Cyprinus tinca*.—1832: Dist. 1845: Dist. (*Podocotyle*). 1886: D. (*Echinost*). 1899: *Asymphyllodora* (type). 1903: *Echinost*.
- perlalum* var. *exspinosum* Hausmann, 1896, 390, t. h. *Barbus fluviatilis*; Switzerland.—1896: Dist.
- permixtus* Braun, 1901, 943, t. h. *Hirundo rustica*; Coll. Vienna.—1901: *Plagiorchis*. 1904: Dist.
- perniciosum* Taylor, 1884, 53, see *endemicum*.—1884: Dist. [1907: *Clonorchis endemicum*.]
- perpastum* Braun, 1902b, 86, n. n. for *singularis* of Looss.—1902: *Stomylotrema* (type).
- perpusillus* Looss, 1902, 134, t. h. *Mugil chelo*.—1902: *Dicrogaster* (type).
- persicus* Braun, 1901c, 334, t. h. *Persian wolf*.—1901: *Cotylogonimus*. 1902: *Heterophyes*.
- personatum* Poir., 1886, 11, host unknown; Gulf of Mexico.—1885: Dist.
- perugiai* Setti, 1898, 7 pp., t. h. *Tetrapturus belone*; Spezia.—1898: Trist.
- petalodium* Lander, in Looss, 1902m, 454, t. h. *Acipenser rubicundus*.—1902: Dist. [Bunodera]. 1904: *Acrodactyla* (type). See *lintoni* and *cornuta*.

- petasatum* Deslongchamps, 1824ee, 511, t. h. *Hæmatopus ostralegus*; Caen.—1824: Monost.
- peteromyzi fluviatilis* Dies., 1850a, 307, t. h. *Peteromyzon fluviatilis*.—1850: Diplost. 1892: Tylodelphys.
- petiolatum* Rail., 1900, 241, t. h. *Garrulus glandarius*.—1900: Dicrocoelium.
- petromyzonis fluviatilis* Dies., 1858e, 316, for *peteromyzi* fluv. (Diplost.).—1858: Tylodelphys.
- petromyzontis* Brown, 1899a, 489, t. h. *Ammocœtes*; Oxford, Eng.—1899: Tetracotyle.
- phaneropsolus* Stoss., 1902, 25, t. h. *Totanus* sp.; Yeddo, Japan.—1902: *Hæmatotrephus*.
- phasiani galli* Dies., 1855, 64.—1855: Dist.
- philocholum* Crep., 1845, 330, t. h. *Delphinus phocæna*, in liver.—1845: Dist.
- philodryadum* West, 1896, 322, t. h. *Philodryas schottii*; England.—1896: Dist. 1900: *Opisthognimus* (type).
- philomelæ* Rud., 1819a, 120, t. h. *Motacilla philomela*; C. E. V.—1819: Dist. [1850: *D. macrostomum*.]
- phænicopteri* Luehe, 1898g, 625, t. h. Flamingo; Berberei.—1898: Echinost.
- phoxini* Linst., 1896, 378, t. h. *Phoxinus lævis*.—1896: Dist.
- phryganæ* Linst., 1877b, 185, t. h. *Phryganea grandis*.—1877: Dist.
- phycidis* Par. & Per., 1889, 743, t. h. *Phycis blennoides*; Genova.—1889: Dactylocotyle. 1890: Octobothrium. 1890: Dactylocotyle. 1890: Octobothrium (Dactylocotyle).
- physæ fontinalis* Dies., 1855a, 400, t. h. *Physa fontinalis*; Regiomontii.—1855: Dist. 1855: *Cercariæum*.
- physcon* Luehe, 1901n, 478, t. h. *Lophius piscatorius*; Triest.—1901: Lecithochirium.
- physophoræ* Kœlliker, 1849c, 53, t. h. *Physophora tetrasticha*; Naples.—1849: Dist. [1850: *D. geniculatum*.]
- pianæ* Galli Valerio, 1898d, 145, t. h. *Anas boschas*; Busto Arsizio.—1898: *Opisthorchis*. 1898: *Opisthorchis*.
- picta* Rud., 1802, 64, *F. vespertilionis* renamed; t. h. *Fledermaus* [*Vespertilio murinus*]; Greifswald.—1802: Fasc. [1809: Dist. lima.]
- pictum* Crep., 1837, 313, t. h. *Ciconia alba*.—1837: Dist. 1901: *Stomylotrema*.
- pimentata* Sons., 1892, Oct. 7, 142, t. h. *Physa alexandrina*, *P. micropleura*; Cairo, Egypt.—1892: Cerc. [Amphist.]. [1902: *A. conicum*.]
- pilchardei* Mont., 1888a, 66, misprint for *pilchardi* (Octocotyle).
- pilchardi* Ben. & Hesse, 1863, 1864, 99, t. h. *Clupea pilchardus*.—1863: Octocotyle. 1879: Octobothrium. 1889: Octoplectanum.
- pileata* Rud., 1802, 65, t. h. *Sterna hirundo*; Greifswald.—1802: Festuc. 1803: Monost. 1809: M. (Monost.). 1819: Amphist. 1828: Holost. 1845: Holost.
- pileatum* Brand., 1888a, 59, t. h. *Sterna caspica*, *Larus glaucus*; Wien. Mus.—1888: Hemist.
- pileatum* Rud. of Bremser, 1824, pl. 8, figs. 28–29.—1824: Amphist. [1850: Hemist. commutatum.]
- pingue* Mehlis in Crep., 1846, 138, t. h. *Colymbus cristatus*.—1846: Monost. 1904: *Renicola* (type).
- pinguicola* Treutler, 1793, 6, t. h. *Homo*.—1793: *Hexathyridium* (type). 1800: Polyst. 1809: Polyst. (Hexast.). 1828: *Hexathiridium*. 1833: *Hexacotyle*. [Hexast.] [Linguatula.]
- pinguiculum* Joy, 1835a, 505, for *pinguicola* (Polyst.).
- pini* Ben. & Hesse, 1863, 1864, 72, t. h. *Trigla pini*.—1863: *Placunella* (type). 1878: Trist. 1903: *Trochopus*.
- pinnarum* Wagener, 1857, 26, t. h. *Gasterosteus*.—1857: Dist.
- pinnatum* Will.-Suhm, (1873), 341.—1873: Dist.
- piriforme* Crep., 1846, 142, in *Anas fusca*, *A. glacialis*; see *pyriforme*.—1846: Dist.
- piriforme* Sons., 1895, 184, for *pyriforme* (Amphist.).
- piscicola* Odhn., 1902, 152, t. h. *Gymnarchus niloticus*.—1902: *Opisthorchis*.
- pittacium* Braun, 1901, 947, t. h. *Strepsilas interpres*.—1901: Dist.
- planci* Stoss., 1899, 5, t. h. *Ranzania truncata*; Triest.—1899: *Podocotyle*. 1902: *Orophocotyle* (type).



- planicolle* Rud., 1819a, 682, t. h. *Pelecanus sula*; Brazil.—1819: Dist. (Echinost.). [1850: Monost. echinostomum.] [1901] 1902: Anoictost.
- planorbis carinati* Fil., 1857c, 13, t. h. *Planorbis carinatus*; Turin.—1857: Dist. 1858: Cerc. (Acanthocephala). 1858: Cercariæum.
- planorbis cornei* Dies., 1850a, 298, based on Henle, 1835, 597, t. h. *Planorbis corneus*.—1850: Cerc. 1855: Cercariæum.
- planorbis cornei* Linst., 1877, 187.—1877: Dist.
- planorbis cornei* (hepatis) Dies., 1858d, 281, t. h. *Planorbis corneus*.—1858: Cercariæum.
- planorbis cornei* (ovariorum) Dies., 1858d, 281, for *planorbis cornei* 1850.—1858: Cercariæum.
- platellæ* Bosc, 1802a, v. 1, 273, see *platessæ* (Fasc.).
- platessæ* Mueller, 1784, 114, t. h. *Pleuronectes platessa*, int.—1784: Fasc. 1803: Dist. [1809: D. areolatum.]
- platycephalum* Crep., 1825a, 39, t. h. *Colymbus rufogularis*; Greifswald.—1825: Amphist. 1845: Holost.
- platygaster* Leuck., 1842a, 30, t. h. *Gadus merlangus*.—1842: Octobothrium. [1845: O. merlangi.]
- platyura* Crep., 1838b, 83, includes *Axine belones*, *Heteracanthus pedatus*, *H. sagittatus*.—1838: Axine.
- platyura* Leidy, 1891a, 416, free in pool with *Lymnæus*; Fort Bridger, Wyo.—1891: Cerc.
- platyurum* Mueh., 1896, 267, t. h. *Harelda glacialis*; East Prussia.—1896: Dist. 1899: Psilost. (type).
- playfairii* Forbes & Goodsir (1839).—1839: Tetrast.
- plenus* Staff., 1904, 484, t. h. *Anarrhichas lupus*; Canada.—1904: Derogenes.
- pleroticum* Braun, 1899e, 631, host?; Brazil.—1899: Dist. 1901: Telorchis.
- plestostomum* Linst., 1883, 305, t. h. *Perdix græca*; Turkestan.—1883: Dist. 1892: D. (Brachylaimus). 1899: Dicrocoelium. [1899: Lyperosomum.]
- pleurolophocerca* Sons., 1892, Oct. 7, 138, t. h. *Melania tuberculata*, *Cleopatra bulimoides*; Cairo, Egypt.—1892: Cerc.
- pleuronectes* Mueller, 1773, 70, in aquis [etc.].—1773: Cerc. 1827: Phacus.
- pleuronectis marini* Dies., 1855, 64, based on Bellingham, 1844, 428; renamed *D. microcotyle*. 1855: Dist.
- plicatum* Crep., 1829a, 878, t. h. *Balæna rostrata*; Rügen.—1827: Monost. 1891: Ogmogaster (type).
- [*plumbeum* D. Valle, (Dist.), a tunicate.]
- podomorphum* Nitzsch, 1819, 399, t. h. *Falco haliaëtus*; Halle.—1819: Holost. 1850: Hemist.
- podura* Mueller, 1773, 66, in paludosis *Lemna coopertis*.—1773: Cerc. 1815: Furcocerca. 1827: Enchelys. 1828: Ichthyidium, type.
- poirieri* Stoss., 1895, 227 (D. gelatinosum Poir., 1885).—1895: Dist. 1895: D. (Dicrocoelium). 1899: Telorchis. 1902: Telorchis. 1905: T. (Cercorchis).
- poirieri* Giard & Billet, 1892, 615, t. h. cattle; Tonkin.—1892: Homalogaster.
- pollachi* Mont., 1888, 66, for *pollachii* (Dactycotyle).
- pollachii* Ben. & Hesse, 1863, 1864, 90, t. h. *Merlangus pollachius*.—1863: Udonella.
- pollachii* Ben. & Hesse, 1863, 1864, 110, t. h. *Merlangus pollachius*.—1863: Dactycotyle (type). 1879: Octobothrium. 1883: Dactylocotyle. 1890: O. (Dactylocotyle).
- polonica* Kowal., 1895g, 41, t. h. *Anas boschas fera*, *A. crecca* L.; Dublany.—1895: Bilharzia. 1898: Schistosoma. 1899: Bilharziella (type).
- polonii* Mol., 1859, 291, t. h. *Caranx trachurus*; Batavii.—1859: Dist. 1886: D. (Echinost.).
- polychroa* Tasch., 1879, 36.—1879: Planaria.
- polyclinorum* Pag., 1862, 306, t. h. *Polyclinum*; Golf von Spezia.—1862: Dist.

- polymastos* Leuck., 1880, or *Lejtenyi*, 1880, t. h. *Equus caballus*; Egypt.—1880: *Gastrodiscus*. [1896: *G. ægyptiacus*.]
- polymorpha* Rud., 1802b, 70, *F. anguillæ* Gmelin renamed; t. h. Aal.—1802: *Fasc.* 1809: *Dist.*
- polymorphum* Fil., 1837a, 337, t. h. *Planorbis submarginata*; see also *brachyura* Diesing, 1850.—1837: *Dist.*
- polymorphus* Baer, 1827b, 570, t. h. *Unio*, *Anodonta*.—1827: *Bucephalus* (type). 1855: *Bucephalus* (*Eubucephalus*, type). 1856: *Cerc.* —: *Cerc.* (*Bucephalus*).
- polyoon* Linst., 1887, 103, t. h. *Gallinula chloropus*.—1887: *Dist.*
- polyorchis* Stoss., 1889, 24, t. h. *Corvina nigra*; *Triest.*—1889: *Dist.* 1894: *D.* (*Polyorchis*, type). 1896: *Polyorchis*. 1896: *Pleorchis* (type).
- pomatix* Vaney & Conté, 1899, 194, t. h. *Helix pomatix*; *Lyon.*—1899: *Cerc.*
- pomatoni* Goto, 1899a, 278, t. h. *Pomatomus saltatrix*; *Newport, R. I.*—1899: *Microcotyle*.
- pontalliei* Stoss., 1898, 178, for *pontalliei* (*Dist.*)
- pontalliei* Cobbold, 1860a, 10, t. h. *Ardea minuta*; *D. cladocalium* Dies., renamed.—1860: *Dist.*
- porcorum* Gmelin, 1790a, 3054.—1790: *Fasc. hepatica*.
- poricola* Schlotthauber, 1860, 129, t. h. *Anas boschas*.—1860: *Ast.* (type).
- porrectum* Braun, 1899b, 714, t. h. *Saurophaga saurophaga*; *New Guinea.*—1899: *Dist.* [1899: *Lyperosomum*.]
- posticum* Staff., 1905, Apr. 11, 692, t. h. *Vespertilio subtilis* Say; *Canada*; *chilost.* Mehls of Staff., 1903, 827, renamed.—1905: *Lecithodendrium*.
- poturycensis* Kowal., 1898g, 72, t. h. *Anas boschas dom.*—1898: *Opisthorchis*. 1898: *O. simulans* var. 1898: *Campula*. 1902: *Metorchis*.
- præmorsum* Nord., 1832, 55, t. h. *Cyprinus brama*; *Europe.*—1832: *Monost.* 1892: *Monostomulum*.
- præteritus* Looss, 1901e, 633, t. h. *Labrax lupus*; *Triest.*—1901: *Acanthochasmus*.
- prenanti* St.-Remy, 1890, 41, t. h. *Raja oxyrhynchus*; *Roscoff.*—1890: *Onchocotyle*. 1899: *Rajonchocotyle*.
- pretiosus* Ariola, 1902, 107, t. h. *Thynnus vulgaris*.—1902: *Didymozoon*.
- prima* Ssinitzin 1905, 147; 1906, 687, t. h. *Aplexa hypnorum*, *Planorbis vortex compressa*, *Corethra*, *Ilybius*; *Warschau.*—1905: *Cerc.*
- primus* Staff., 1905, 691, t. h. *Eutenia sirtalis*; *Canada.*—1905: *Lechriorchis* (type).
- prismaticum* Zed., 1800a, xvi, 150, t. h. *Corvus frugilegus*; *Europe.*—1800: *Monost.* 1809: *M.* (*Monost.*). [1892: *Dist.*]
- pristiophori* Johnston, 1902, 326, t. h. *Pristiophorus cirratus* Lath.—1902: *Dist.*
- pristis* Deslongchamps, in Lamouroux, 1824, 563; 1821, 281, t. h. *Merlangus communis*; *Normandy.*—1824: *Dist.* 1845: *D.* (*Echinost.*). 1860: *Echinost.* 1899: *Anoiktoet.* 1899: *Stephanost.* 1901: *Stephanochasmus*.
- problematicum* Stoss., 1902, 14, includes Looss, 1899b, 660, t. h. *Totanus calidris*, *T. glottis*.—[1899: *Cyclocœlum*.] 1902: *Cyclocœlum*.
- proboscideum* Rud., 1814a, 106, *Echinorhynchus crotali*, 1808, renamed; *America.*—1814: *Polyst.* 1814: *Polyst.* (*Pentast.*). 1819: *Pentast.* [*Porocephalus*, type.]
- producta* Linst., 1903, 354, t. h. *Solea vulgaris*.—1903: *Epibdella*.
- productus* Staff., 1904, 485, t. h. *Hemitripterus americanus*; *Canada.*—1904: *Sinistroporus*.
- productus* Odhn., 1902, 24, t. h. *Nilkrokodil*; *Sudan.*—1902: *Acanthochasmus*.
- propinquum* Braun, 1901, 942, t. h. *Dendrocalaptes scandens*; *Brazil.*—1901: *Glaphyrost.*
- proteus* Brand., 1891, 19, t. h. *Chelonia viridis*.—1891: *Monost.* 1892: *Notocotyle*. 1899: *Baris* (type). 1900: *Deuterobaris* (type).
- proxima* Lespés, 1857, 116, t. h. *Littorina littorea*.—1857: *Cerc.* 1858: *C.* (*Gymnocephala*).
- prussica* Mueh., 1896, 590, t. h. *Anas glacialis*.—1896: *Cyathocotyle* (type).
- pseudamphistomum* Crep., 1846, 146, t. h. *Chelonia mydas*.—1846: *Monost.*

- pseudoechinatum* Olss., 1876, 21, t. h. *Larus marinus*; Scandinavia.—1876: Dist. 1892: Echinost.
- pseudofelineus* Ward, 1901, 180, "Dist. felineum" of Ward, 1895, not Rivolta, 1884, renamed, t. h. *Felis catus* dom.; Lincoln, Nebr.—1901: Opisthorchia.
- pseudostoma* Will.-Suhm, 1870, 11, t. h. *Alligator lucius*.—1870: Dist. 1886: Diplost. 1895: D. (*Brachylaimus*).
- pudens* Lint., 1900a, 269, t. h. *Paralichthys dentatus*; Woods Holl.—1900: Dist.
- pugio* Linst., 1887, 105, t. h. *Limnæa ovata*.—1887: Cerc.
- pugnax* LaValette, 1855, 19, t. h. *Paludina vivipara*.—1855: Cerc. [1855: C. microcotyla.]
- pulchellum* Rud., 1819a, 94, t. h. *Iabrus cynædus*; Naples.—1819: Dist. 1902: Helicometra (type). 1903: D. (*Dicrocoelium*).
- pulcherrima* Weyenbergh, 1876, 167, t. h. *Hypostomus plecostomus*; Argentina.—1876: Amphist. 1878: Dist.
- pulicis* Linst., 1892, 333, t. h. *Gammarus pulex*.—1892: Dist.
- pulmonale* Linst., 1904, 678, t. h. *Halicore australis*; Australia.—1904: Opisthotrema.
- pulmonale* Bætz, 1883, April, 236, t. h. *Homo* [see *westermanii* Kerbert, 1878].—1883: Dist. 1889: Dist. 1890: *Mesogonimus*. 1899: *Paragonimus*.
- pulmonalis colubri natricis* Viborg, 1795, 243.—1795: Dist. [D. naja].
- pulmonar* La Clínica de Málaga, 1883, 308, for *pulmonale*, see *westermanii*.—1883: Dist.
- pulmonis* Kiyona, Suga, and Yamagata, 1881, teste Ijima, 1889b, 148, see *westermanii*.—1881: Dist.
- pulmonum* Bætz, 1880, Sept., 721, t. h. *Homo*, see *westermanii*.—1880: Gregarina. 1884: Dist. [1899: *Paragonimus*.]
- pulverulenta* Braun, 1901g, 946, t. h. *Anas querquedula*; Dongola.—1901: Bilharziella.
- pulvinatum* Braun, 1899, 630, t. h. *Flusschildkröte*; Brazil.—1899: Dist.
- pumilio* Looss, 1896, 154, t. h. *Pelecyanus onocrotalus*; Egypt.—1896: Monost. 1899: *Haplorchis* (type).
- punctata* Mueller, 1774, 57, in *pratis inundatis primovere*.—1774: Fasc. 1787: Planaria.
- punctatum* Dies., 1850a, 329, misprint for *punctum* (Dist.).
- punctum* Zed., 1800a, 164, t. h. *Cyprinus barbus*; Europe.—1800: Dist. 1828: Fasc.
- punctum* Erc., 1881 or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—1881: Cerc.
- pungens* Linst., 1894b, 333, t. h. *Podiceps minor*; Seeburger See.—1894: Dist. (Echinost.). 1899: Echinost.
- pusilla* Braun, D. M., 1790a, 62, t. h. *Erinaceus europæus*; Europe.—1790: Planaria. 1790: Fasc. 1803: Dist. 1892: Agamodist.
- pusilla* Looss, 1896b, 229, t. h. *Vivipara unicolor* Olivier; Damanhour.—1896: Cerc.
- pusilla* Staff., 1904, 485, t. h. *Anarrhichas lupus*; Canada.—1904: Neophasis (type).
- pusillum* Staff., 1904, 494, t. h. *Stizostedion vitreum*; Canada.—1904: Gasterost.
- pusio* Eichwald. — — —: Planaria.
- putorii* Linst., 1877, 191, t. h. *Fætorius putorius*.—1877: Diplost.
- putorii* Mol., 1858, 131, t. h. *Mustela putorius*; Patavia.—1858: Dist. 1892: Agamodist.
- putorii* Gmelin, 1790a, 3053, t. h. *Mustela putorius*.—1790: Fasc. 1790: Planaria. 1893: Dist. [1850: D. *trigonocephalum*.]
- putrescens* Looss, 1902, 135, t. h. *Mugil auratus*.—1902: *Lecithobotrys* (type).
- pynoporus* Stoss., 1901, 92, t. h. *Sargus salviani*; Trieste.—1901: *Holorchis* (type).
- pygmæa* var. *simile* Jägers., 1900c, 737, t. h.—1900: *Levinsenia*. [1902: *Spelotrema*.] 1902: Dist.]
- pygmæum* Levin., 1881a, 73, t. h. *Somateria mollissima*; Egedesminde.—1881: Dist. 1892: D. (*Brachycoelium*). 1899: *Levinsenia*. 1901: *Spelotrema* (type, Dec. 31). 1903: *Levinseniella*.
- pyramidum* Looss, 1896b, 76, t. h. *Rhinolopus hippocrepis*; Ghizeh.—1896: Dist. 1899: *Lecithodendrium*.
- pyriforme* Dies., 1838a, 189, 1839a, 236, t. h. *Tapirus americanus*; Matogrosso or Cachoeira do Bananeira, Brazil.—1839: Amphist. 1901: *Cladorchis*.

- pyriforme* Crep., 1837a, 316, t. h. *Eisente*, *Anas glacialis*.—1837: Dist.
- pyriforme* Lint., 1900, 269, t. h. *Palinurichthys perciformis*; Woods Holl.—1900: Dist.
- pyridatum* Bremser, in Rud., 1819a, 678, t. h. *Crocodylus sclerops*; Brazil.—1819: Dist.
- pyrula* Bory de St. Vincent, 1823a, 355, in infusion de chènevis.—1823: Cerc.
- quadrangulata* Bosc., 1802a, 257.—1802: Planaria.
- quadrangularis* Pallas, 1774, 20 in fossis; Hagæ Comitum.—1774: Fasc.
- quadricornis* Haswell, 1887a, 284, t. h. *Astacopsis franklinii*; Tasmania.—1887: Temnocephala.
- quietum* Staff., 1900, 403, t. h. "frog;" apparently Canada.—1900: Dist. 1905: Glyptelminis (type).
- rachizæum* Crep., 1839, 289, for *rhachizæum* (Diplost.).
- rachidis* Par., 1896, 2, for *rhachidis*.—1896: Diplost. (Tylodelphis).
- rachieum* Fraip., 1880c, 419, for *rhachizæum* (Diplost.).
- rachineum* Mueller, (1842).—Diplost.
- rachion* Cobbold, 1858b, 158, t. h. *Morrhua æglefinus*.—1858: Dist. 1886: D. (Echinost.). 1904: *Lepidapedon* (type). 1905: *Lepodora* (type).
- rachizæa* Odhn., 1905, 328, for *rachion* (Dist.).—1905: *Lepodora* (type).
- radiata* Mueller, 1774, 66, in aquis sylvestribus, rara.—1774: Fasc. 1776: Planaria.
- rachidis* Hanover, 1864a, 3, see *rhachidis* 1850 (Tylodelphys).
- radiatum* Duj., 1845a, 427 t. h. *Carbo cormoranus* or *Pelecanus carbo*.—1845: Dist. (Echinost.).
- radula* Duj., 1845a, 433, t. h. *Lymnæus palustris*; Rennes.—1845: Dist. (Echinost.).
- ragazzi* Linst., 1903t, 354, for *ragazzii* (Dist.).
- ragazzii* Setti, 1897, 8, t. h. *Squalus* sp.; Eritrea.—1897: Dist. (Polyorchis). 1899: *Syncelium* (type).
- rajæ* Rud., 1809a, 435, for *rajæ intestinale*.—1809: Dist.
- rajæ intestinale* Viborg, 1795, 242.—1795: Dist.
- ralli* Rud., 1819a, 120, t. h. *Rallus aquaticus*; M. C. V.—1819: Dist. [1850: D. holostomum.]
- ramlianum* Looss, 1896b, 36, t. h. *caméléon*; Ramleh.—1896: Dist. 1899: *Lepoderma* (type). 1899: *Plagiorchis*.
- ramosum* Sons., 1895, 123, t. h. *Babulcus ibis*; Nile Delta.—1895: Echinost.
- ranæ* Gmelin, 1790a, 3055, t. h. *Rana*, int.; Europe.—1790: Fasc. [1809: Amphist. subclavatum.]
- ranæ* Frœlich, 1791, 69, t. h. *Rana temporaria*; Europe.—1791: Fasc. [1809: Amphist. subclavatum.] [1850: Dist. *clavigerum*.] [1894: D. *endolobum*.]
- ranæ* Zed., 1800a, xviii, 203, t. h. *Rana temporaria*; includes *Planaria uncinata* 1790, from *Rana esculenta*; Europe.—1800: Polyst. (type). [1809: P. *integerimum*.]
- ranæ* Valentin, 1843, 90 teste Dies., 1850a, 472.—*Trematodum*.
- ranæ esculentæ* Dies., 1850a, 388, based on Valentin, 1841, 54.—1850: Dist.
- rarum* Ben., 1858a, 1861a, 178, t. h. *Cyprinus dobula*.—1858: Dist.
- rarus* Braun, 1901, 17, t. h. *Fulica atra*, Coll. Berlin; *Anas boschas*.—1901: *Prosthogonimus*.
- rastellus* Olss., 1876, 16, t. h. *Rana temporaria*.—1876: Dist. [1887: D. *endolobum*.]
- rathonisi* Simon, 1896, 182, 192, misprint for *rathouisi* (Dist.).
- rathonisii* Huber, 1894, 2, misprint for *rathouisi* (Dist.).
- rathouisi* Poir., 1887, 203, t. h. *Homo*; Asia.—1887: Dist. 1892: D. (*Dicrocoelium*). 1903: *Fasciolopsis*.
- rathouisii* Braun, 1892a, 568, for *rathouisi* (Dist.).
- raynerianum* Nardo, 1827, 68, t. h. *Luvarus imperialis*; Venice.—1827: Dist. 1886: D. (*Apoblema*). 1901: *Accacœlium*.
- receptaculum* Cobbold, 1860a, 29, t. h. *Labrax lupus*.—1860: Dist.
- recurvatum* Linst., 1873, 105, t. h. *Anas marila*.—1873: Dist. 1892: Echinost.
- recurvum* Duj., 1845a, 410, t. h. *Mus sylvaticus*; Rennes.—1845: Dist. (*Brachylaimus*).
- redactum* Nicoll, 1906, 515, t. h. *Gasterosteus aculeatus*; Scotland.—1906: *Psilost.* [1907: *Podocotyle atomon*.]

- reductum* Looss, 1901, 562, t. h. *Thalassochelys corticata*.—1901: *Enodiotrema*.  
*refertum* Mueh., 1898, 18, t. h. *Cypselus apus*; East Prussia.—1898: Dist. 1899: *Dicrocoelium*.  
*reficiens* Braun, 1901, 945, t. h. *Falco nitidus*.—1901: *Dicrocoelium*.  
*[reflexum: Schistosoma, a term in teratology.]*  
*reflexum* Crep., 1825a, 54, t. h. *Cyclopterus lumpus*.—1825: Dist. 1886: D. (*Dicrocoelium*). 1905: *Podocotyle*.  
*reinhardi* Linst., 1903, 208, t. h. *Astacus leptodactylus*.—1903: Dist.  
*renale* Chiaje, 1833, 13, t. h. *Homo*; Naples.—1833: *Tetrast.* (type).  
*renale* Fil., 1855b, 19, t. h. *Helix adspersa*; near Turin.—1855: Dist. 1856: *Cerc.* 1858: C. (*Gymnocephala*).  
*renicapite* Leidy, 1856, 43, t. h. *Sphargis coriacea*; America.—1856: *Monost.*  
*reniferum* Looss, 1898, 461, unicum Looss, not Molin, renamed.—1898: Dist. 1899: *Astia* (type). 1904: *Astiotrema* (type).  
*reniforme* Luehe, 1899, 531, for *reniferum* Looss (Dist.).  
*reniformis* Ariola, 1902, 101, t. h. *Thynnus vulgaris*; Naples.—1902: *Didymocystis* (type).  
*repandum* Rud., 1819a, 681, t. h. *Rana* sp.; Brazil.—1819: Dist.  
*resectus* Looss, 1902m, 537, t. h. *Chelone mydas*; Egyptian coast.—1902: *Cricoccephalus*.  
*reticulare* Ben., 1859, 84, t. h. *Chelonia midas*.—1859: *Monost.* 1899: *Microscapha* (type). 1901: *Microscaphidium* (type).  
*reticulata* Goto, 1894a, 189, t. h. *Stromateus argenteus*; Japan.—1894: *Microcotyle*.  
*reticulatum* Looss, 1885, 427, t. h. *Wels*; Costa Rica.—1885: Dist. 1899: *Clinost.* [1888: *Mesogonimus* (type).]  
*reticulatum* Wright, 1879, 58, t. h. *Ceryle alcyon*.—1879: Dist. 1899: *Fasc.* 1892: D. (*Brachylaemus*).  
*reticulatum* Poir., 1886, 39, in *Axinurus dugesii*.—1886: Dist. [1899: *Clinost. marginatum*.]  
*retikulatum* Looss, 1885b, 59, for *reticulatum* (Dist.).  
*retroconstrictum* Srámek, 1901, 95, 108, fig. 62, t. h. *Abramis brama*.—1902: Dist.  
*retroflexum* Mol., 1859, 290, t. h. *Belone acus*; Batavii.—1859: Dist. 1898: *Podocotyle*. 1886: D. (*Podocotyle*).  
*retusum* Duj., 1845a, 405, t. h. *Rana temporaria*; Rennes.—1845: Dist. (*Brachycœlium*). 1886: D. (*Dicrocoelium*).  
*revoluta* Frœlich, 1802, 58, t. h. *Anas boschas*; Europe.—1802: *Fasc.* 1899: *Echinost.*  
*rhachæum* Henle, 1833a, 19, t. h. *Rana*.—1833: *Diplost.* 1892: *Tylodelphys*.  
*rhachidis* Dies., 1850a, 305, *rhachæum* 1833, renamed.—1850: *Tylodelphys*. 1896: *Diplost.* (*Tylodelphis*).  
*rhatonisii* Simon, 1897, 223, misprint for *rathousii* (Dist.).  
*rhizophysæ* Mont., 1888a, 199, for *rhizophysæ* (Dist.).  
*rhizophysæ* Studer, 1878, 12, t. h. *Rhizophysa conifera*.—1878: Dist.  
*[rhodopyge* Sluiter, 1898 (Dist.), a tunicate.]  
*rhombi* Ben., 1870, 72, t. h. *Rhombus maximus*.—1870: Dist.  
*rhombi* Ben. & Hesse, 1863, 1864, 73, t. h. *Rhombus maximus*.—1863: *Placunella*. 1878: *Trist.* 1903: *Trachopus*.  
*rhombi lævis* Dies., 1858e, 328, t. h. *Rhombus lævis*; Europe.—1855: *Monost.* 1892: *Monostomulum*.  
*ropaloides* Crep., 1839, 294, for *ropaloides* 1836, q. v.—1839: *Amphist.*  
*ricchiardii* see *richiardi* (Dist.).—1902: *Probolitrema* (type).  
*richardii* Brand., 1891b, 267, for *richiardi* (Dist.).  
*richiardi* Mont., 1891, 500, for *richiardi*.—1891: Dist. (*Polyorchis*).  
*richiardi* Lopez, 1888a, 137, t. h. *Acanthias vulgaris*.—1888: Dist. 1900: *Anaporrhutum*. 1902: *Probolitrema* (type).  
*richiardi* Sons., 1890, 172, t. h. *Pagrus orphus*.—1890: *Anoplodiscus* (type).  
*rigens* Linst., 1878a, 282, for *ligula* 1871 (Dist.).  
*rigonocerca* Braun, 1892a, 809,? for *trigonocerca*.—1892: *Cerc.*  
*ringens* Rud., 1819a, 101, t. h. *Picus tridactylus*; Vien. Mus.—1819: Dist. [1850: D. *macrostomum*.]

- ringens* Linst., 1878a, 360, for ligula 1871 (Dist.), t. h. *Scymnodon ringens*.
- ringens* Lint., 1905, 327, t. h. *Micropogon undulatus*, *Trachinotus carolinus*; Beaufort, N. C.—1905: *Aspidogaster*.
- ringeri* Cobbold, 1880, Aug., 139, t. h. *Homo*.—1880: Dist. 1890: *Mesogonimus*. 1897: Distomi. [See *westermanii*.]
- ringerii* for *ringeri* (Dist.).
- ringers* Rev. Sci., 1890, v. 46, 189, 190, for *ringeri* (Dist.).
- robustum* Lorenz, 1881, 583, t. h. *Elephas africanus*.—1881: Dist. 1892: D. (*Brachylaimus*).
- robustum* Stoss., 1902, 18, t. h. *Fuligula cristata*.—1902: *Cyclocœlum*.
- robustus* Looss, 19011, 621, t. h. *Chelone mydas*; Egyptian coast.—1901: *Charaxicephalus* (type).
- rochebruni* Poir., 1886, 36, t. h. *Delphinus delphis*.—1886: Dist. 1892: *Cladocœlum*. 1899: *Brachycladium*.
- rochebrunni* Braun, 1892a, 673, for *rochebruni* (Dist.).
- rombi-lævis* Mont., 1892, 717, for *rhombi-lævis* (Monost.).
- ropaloides* Leblond, 1836e, 290, t. h. *Muraena conger*; coast of Normandy.—1836: Amphist. [1850: *Tetrabothriorhynchus migratorius*.]
- rosaceum* Nord., 1832, 82, t. h. *Gadus lota*.—1832: Dist. 1856: D. [tereticolle].
- rosarum* Cobbold, 1860a, 21, misprint for *rosaceum* (Dist.).
- rosea* Mueller, 1774, 58, in *sinu Dreabachiensi*.—1774: Fasc. 1787: Plan. 1892: *Amphiporus*.
- rosea* Ben., 1870, 1871a, 90, t. h. *Petromyzon omalii*; Belgium.—1870: Dist.
- rossittensis* Mueh., 1898, 16, t. h. *Turdus pilaris*; East Prussia.—1898: *Urogonimus* 1899: *Urotocus* (type).
- [*rostellatum* Dies., 1850a, 603.—1850: *Octobothrium*, cestode.]
- rostrata* Mueller, 1774, 65, in *paludosis, primo vere annorum*.—1774: Fasc. 1776: Plan.
- rostrata* Erc., 1881, see Par., 1894, 190, ? t. h. *Bythinia tentaculata*; Bologna.—1881: Cerc.
- rostraculeata* Erc., 1881, see Par., 1894, 164, ? t. h. *Bythinia tentaculata*; Bologna.—1881: Cerc. [1894: *C. nodulosa*.]
- rotundatum* Linst., 1877, 187, t. h. *Lanius collurio*.—1877: Holost.
- rotundum* Goto, 1894a, 245, t. h. *Xiphias gladius*; Japan.—1894: Trist.
- rubellum* Olss., 1868, 40, t. h. *Labrus maculatus*.—1868: Dist. 1886: D. (*Brachycœlum*). 1899: *Lecithodendrium*. 1902: *Zoogonus*.
- rubens* Duj., 1845a, 411, t. h. *Sorex fodiens*, *S. tetragonurus*; Rennes.—1845: Dist. (*Brachylaimus*).
- ruber* Luehe, 1900, 507, t. h. *Trigla lineata*.—1900: *Derogenes* (type).
- ruber* see also *rubrum* (*Cricocephalus*).
- rubra* Mueller, 1774, 59, *Fucorum frequens*.—1774: Fasc. 1776: Plan.
- rubrum* Kuhl & van Hasselt, 1822a, 1824a, 311, t. h. *Chelonia midas*; Iles des Coci-tiers.—1824: Monost. 1902: *Cricocephalus*.
- [*rubrum* Savigny (Dist.), a tunicate.]
- rude* Dies., 1850a, 360, t. h. *Lutra brasiliensis*; Brazil.—1850: Dist. [1899: *Paragonimus*.] 1900: *Paragonimus*.
- rudectum* Braun, 1901, 946, t. h. *Ibis cœrulescens*; Brazil.—1901: *Lyperosomum*.
- rudolphianum* Dies., 1850a, 429, t. h. *Orthagoriscus mola*; new name for *T. coccineum* of Rud., *Phylline coccinea* Schweigger, *Capsala sanguinea* Blainville, *T. mola* Bl.—1850: Trist. 1865: *Capsala*.
- rufoviride* Rud., 1819a, 110, t. h. *Muraena conger*; Naples.—1819: Dist. 1845: D. (*Apoblema*). 1899: *Hemiusurus*. 1899: *Apoblema*. 1901: *Lecithochirium* (type).
- rugosus* Odn., 1902, 32, t. h. *Coluber pullatus*.—1902: *Cotylotretus* (type).
- rutilans* Bosc, 1802a, 258.—1802: Plan.
- saccata* Goetze, 1782a, 221, based on *Sack-Egel* of Merrem, 1781, 169, pl. 1, figs. 3-7.—1781: Fasc. [1803: *Cysticercus tæniæformis*.]
- sacidiornicola* Stoss., 1902, 34, for *sarcidiornicola* (Monost.).

- saginaturn* Ratz, 1898, 73, t. h. *Ardea alba*; Europe.—1898: Dist. 1903: *Pegosomum* (type).
- sagitata* Lespès, 1857, 114, t. h. *Nassa reticulata*; Arcachon.—1857: Cerc. [C. (Gymnocephala).]
- sagitta* Looss, 1899b, 668, t. h. *Chelonia mydas*; Egypt.—1899: *Microscapha*. 1901: *Microscaphidium*. 1902: *Octangium* (type).
- sagitta* Pag., 1862, 297, for *sagitata* (Cerc.).
- sagittalis* Vaney & Conté, 1899, 196, C. *sagittifera* Sieb., 1854, renamed, t. h. *Helix pomatia*.—1899: Cerc.
- sagittata* Dies., 1858d, 249, for *sagitata* 1857.—1858: Cerc. (Gymnocephala).
- sagittatum* Leuck., 1842, 49, t. h. *Salmo fario*.—1842: *Octobothrium*. 1850: *Discoctyle* (type). 1858: *Placoptectanum* (type).
- sagittatus* Dies., 1836, 313, t. h. *Esox belone*; Europe.—1836: *Heteracanthus*. [1850: *Axine bellones*.]
- sagittifera* Sieb., 1854, 18, t. h. *Helix pomatia*.—1854: Cerc. [1858: *Cercarizeum helicis pomatiæ*.]
- salamandra* Frœlich, 1789, 119, t. h. *Salamandra atra*.—1789: Fasc. 1803: Dist. [1809: *D. crassicolle*.]
- salamandrinæ perspicillatæ* Sons., 1896, 1; 1896, 116.—1896: Dist.
- salebrosum* Braun, 1901g, 946, t. h. *Cypselus melba*; Coll. Vien.—1901: *Lyperosomum*.
- salmonis* Mueller, 1780 of Gœze, 1782a, 173.—Fasc. [1901: ? *Hemius crenatus* (Rud.) Luehe.]
- salmonis lavareti* Linst., 1878a, 266.—Trematodum.
- salpæ* Par. & Perugia, 1890, 207, t. h. *Box salpa*; Genova.—1890: *Microcotyle*.
- sanguicola* delle Chiaje, 1833, 14, venarum renamed, t. h. *Homo*.—1833: Polyst.
- sanguinea* Blainv., see Dies., 1850a, 429.—Capeala. [1850: *Trist. rudolphianum*.]
- sanguineum* delle Chiaje, 1837b, 245, t. h. *Homo*.—1837: Polyst.
- sanguineum* Sons., 1894, 111, t. h. *Camæleo vulgaris*; Gabs in Tunisia.—1894: Dist. 1895: *D. (Brachylaimus)*. 1899: *Anchitrema* (type).
- sarcidiornicola* Mégnin, 1890c, 87, t. h. *Sarcidiornis melanota*; Madagascar.—1890: Monost. 1902: *Typhlocœlum*.
- sargi* and *sargii* Par. & Per., 1890, 4, t. h. *Sargus rondeletii*; Genova.—1890: *Microcotyle*.
- sauromates* Poir., 1886, 24, t. h. *Elaphis sauromates*.—1886: Dist. 1895: *D. (Dicrocœlum)*. 1904: *Plagiorchis*.
- sauromatis* Braun, 1893a, 876, for *sauromates* (Dist.).
- savakinensis* Looss, 1899b, 672, t. h. *Larus* sp.; Sawakin, Egypt.—1899: *Stictodora* (type).
- scaber* Rud., 1819a, of Odhn., 1905, 353.—1905: Dist. [1905: *Stephanochasmus*.]
- scabra* Mueller, 1788, 31, t. h. *Gadus barbatus*. 1788: Fasc. 1803: Dist. 1889: *Apoblema*. 1899: *D. (Hemius)* *scabrum*.
- scabridum* Braun, 1900, 390, t. h. *Noctilio macropus*, *Molossus*, *Phyllostoma*; Brazil.—1900: *Urotrema* (type).
- scabrum* of Rud., 1819a, 424.—1819: Dist. (Echinost.). 1860: *Echinost.* 1899: *Anoikost.* [1899: *Stephanost.*] [1905: *Stephanochasmus*.]
- schistocotyle* Fischder., 1901, 373, t. h. *Dicotyles torquatus*; Brazil.—1901: *Cladorchis* (*Taxorchis*, type).
- schistolotyle* Fischder., 1903f, 607, for *schistocotyle* (*Cladorchis*).
- schlosseri* Graff, 1904, 457, t. h. *Botryllus schlosseri*.—1904: Plan.
- sciænæ* Ben. & Hesse, 1863, 123, t. h. *Sciæna aquila*.—1863: *Diplectanum*.
- sciænæ* P. J. Ben., 1856, 502, t. h. *Sciæna aquila*.—1856: *Epibdella*. 1891: *Phylline*. 1903: *E. (Benedenia)*. [1878: *Trist.*] [1858: *Benedenia elegans*, type.]
- sciænæ* Goto, 1894a, 194, t. h. *Sciæna scina*; Japan.—1894: *Microcotyle*.
- sciænæ* Ben. & Hesse, 1863, 1864, 93, t. h. *Sciæna aquila*.—1863: *Udonella*.
- sciænæ* Tasch., 1878, 568, for *sciænæ* Ben., 1856.—1878: *Trist.*
- scimna* Risso, 1826, 262, t. h. *Echinorhinus spinosus*.—1826: Dist. [1850: *D. insigne*.]
- sciænæ* Ben. & Hesse, 1864, 123, for *sciænæ* (*Diplectanum*).
- sciænæ* Ben. & Hesse, 1864, 69, for *sciænæ* (*Epibdella*).

- scleroporum* Crep., 1844a, 112, t. h. *Chelonia mydas*; Vratislaviæ.—1844: Amphist.
- scolioaculum* Fischder., 1904, 459, t. h. *Buffelus indicus* in Cochinchina and Annam; *Bos taurus* in Annam.—1904: Paramphist.
- scombri* Kuhn., 1829b, 361, t. h. *Scomber scomber*.—1829: Octost. 1832: Octobothrium. 1864: Octocotyle.
- scombri* Tasch., 1879, 612, t. h. *Scomber colias*; Naples.—1879: Didymozoon.
- scombri* of Grube, 1855a, 137, t. h. *Scomber scombrus*.—1855: Octobothrium. 1855: Tetracotyle. [1858: *Grubea cochlear*, type.] 1859: *Pleurocotyle* (type). [1859: *Pleurocotylus*, type.] 1864: *Grubea*.
- scombri pelamidis* Tilesius in Rud., 1809a, 437.—1809: Fasc. [1809: *Dist. clavatum*.]
- scombrinum* Linst., 1889, 80, for *sobrinum* (Dist.).
- scorpææ* Rud., 1819a, 122, t. h. *Scorpæna scrofa*; C. E. V.—1819: Dist. 1886: D. (*Dicrocoelium*). 1899: *Dicrocoelium*. [1899: *Creadiina*.]
- scorpii* Mueller, 1776, 223, t. h. *Cottus scorpius*.—1776: Fasc. 1803: Dist. [1850: D. *granulum*.]
- scymna* Villot, 1878, 3, for *scimna* (Dist.).
- scymni* Mont., 1893, 52, for *scimna* (Dist.).
- scymni ainosi* Dies., 1858e, 371, t. h. *Scymnus ainosi*.—[1857: *Polyst. sp.*] 1858: *Polyst.* 1858: *Onchocotyle*.
- scyphocephalum* Braun, 1899, 630, t. h. *Testudo matemata*; Brazil.—1899: Dist. 1901: *Acanthochasmus*.
- sebastis* Goto, 1894a, 187, t. h. *Sebastes sp.*; Japan.—1894: *Microcotyle*.
- secunda* Ssinitzin, 1905, 153; 1906, 687, t. h. *Corethra*, *Ephemera*; Warschau.—1905: Cerc.
- secundum* Nicoll, 1906, 514, t. h. *Hæmatopus ostralegus*, *Larus argentatus*, *L. ridibundus*.—1906: Echinost.
- secundus* Looss, 1907, 134, t. h. mule; Assam.—1907: *Gastrodiscus*.
- segmentatum* Mueller, 1894, July, 113.—1894: Dist. (Echinost.).
- semiarmatum* Mol., 1858, 131, t. h. *Acipenser naccari*; Patavii.—1858: Dist. 1886: D. (Echinost.).
- semiflavum* Linst., 1880, 50, t. h. *Petromyzon fluviatilis*.—1880: Dist.
- semifuscum* Ols., 1876, 28, t. h. *Sula bassana*; Lund.—1876: Monost.
- semisquamosum* Braun, 1900, 228, t. h. *Vesperugo noctula*.—1900: Dist. [1907: *Parabascus*.]
- semperi* Weber, 1889.—*Temnocephala*.
- semperii* Mont., 1891, 129, for *semperi* (*Temnocephala*).
- sepiolæ* delle Chiaje, —.—: Monost.
- seriale* Rud., 1808a, 351; 1809a, 368, t. h. *Salmo alpinus*; Greenland.—1808: Dist.
- serialis* Looss, 1901, 620, t. h. *Thalassochelys corticata*; Alexandria, from Egyptian coast.—1901: *Adenogaster* (type).
- serotinus* Staff., 1904, 493, t. h. *Moxostoma macrolepidotum* Le S.; Canada.—1904: *Plagioporus* (type).
- serpens* Nitzsch, in Rud., 1819a, 88, t. h. *Falco haliætos*; Halle.—1819: Amphist. 1819: Holost.
- serpentatum* Mol. 1859, 830, t. h. *Sayris camperi*; Batavii.—1859: Dist. 1896: D. (*Brachylaimus*).
- serpentulum* Carus, 1884, 131, for *serpentatum* (Dist.).
- serrani* Mont., 1889, 322, t. h. *Serranus fimbriatus*, at Madeira, and *S. gigas* at Naples.—1889: Didymozoon.
- serrata* Frölich, 1789, 148 [an Arachnoid], t. h. *hares*.—1789: *Linguatula* (type). 1800: *Polyst.* 1809: *Polyst.* (Pentast.). 1819: Pentast.
- serrata* Looss, 1899b, 592, t. h. *Varanus niloticus*; Zool. Inst. Leipzig.—1899: *Styphlodora* (type).
- serratum* Dies., 1850a, 385, t. h. *Aranus scolopaceus*; Brazil.—1850: Dist. 1860: Echinost.
- serrulata* Mueller, 1776.—Fasc. [1901: ? *Hemius crenatus*.]
- sessilis* Odhn., 1902, 27, t. h. *Nilkrokodil*.—1902: *Nephrocephalus* (type).
- sessilis* Goto, 1894a, 212, t. h. *Chærops japonicus*; Mitsugahama (Prov. Iyo, Japan).—1894: *Diclidophora*. 1895: *Cyclobothrium* (type).



- setifera* O. F. Mueller, 1786, 127, in aqua marina raro.—1786: Cerc. [1827: Trichoda.]
- setifera* Moul., 1856a, 214 and Dies. 1858d, 250 based on J. Mueller, 1850, 497, free in water; Marseille or Triest.—1856: Cerc. 1858: C. (Gymnocephala).
- setifera* Mueller of Villot, 1879 (Cerc.), in *Scrobicularia tenuis*. See villoti (Cerc.).
- setigera* Giard, 1897c, 955, for *setifera*, 1850.—1897: Cerc.
- setosicauda* Dadai, 1888f, 84.—1888: Histriionella.
- setosicauda* Mont., 1888, 77, for *setosicauda* (Histriionella).
- settemii* Numan, 1840, 358, t. h. *Equus caballus*.—1840: Monost. 1850: Pentast. [1891: Oestrid larva.] 1892: Monostomulum.
- sialidis* Linst., 1892, 334, t. h. *Sialis lutaria*.—1892: Dist.
- siamense* Poir., 1886, 327, t. h. *Crocodilus siamensis*.—1886: Diplost.
- sibiricum* Winnogradow, 1892, 116, t. h. *Homo*; Siberia.—1892: Dist. [Opisthorchis felineus.]
- siemensii* Buettel-Reepen, 1900, 589, t. h. *Sphyræna barracuda*; Atlantic.—1900: Dist.
- [*sigmoidea* (Nitzschia), a diatom.]
- sigmoideus* Looss, 1899b, 608, t. h. *Passer dom.* at Alexandria, *Caprimulgus europæus*, at Cairo.—1899: *Phaneropsolus* (type).
- signatum* Duj., 1845a, 415, t. h. *Coluber natrix*; Rennes.—1845: Dist. (*Brachylaimus*).
- signatum* Duj., of Erc., 1881e, 73, in *Tropidonotus natrix*.—1881: Dist. 1899: *Telorchis*. [1893: *D. ercolanii*.]
- siluri* Wagener, 1857, see Braun, 1890a, 544.—*Dactylogyrus*.
- siluri glanidis* Wagener, 1857, see Dies., 1858e, 379.—*Dactylogyrus*.
- simile* Sons., 1890, 105, t. h. *Python molurus*.—1890: Dist.
- simile* Jægers., 1900, 737, see *pygmæa similis*.—[1900: *Levinsenia pygmæa* var.] 1902: *Spelotrema*.
- simile* Looss, 1899b, 601, see *similigenus*.—1899: Dist. 1899: *Hæmatolæchus*. 1902: *Pneumonœces*.
- similigenus* Stiles & Hass., 1902d, 20, for *simile* (Dist.) Looss, (*Hæmatolæchus*).
- simuliplexus* Staff., 1902, 901, t. h. American frogs and toads.—1902: *Hæmatolæchus*. 1905: *Pneumonœces*.
- similis* Stoss., 1902, 24, t. h. *Himantopus atropterus*; Egypt.—1902: *Hæmatotrephus*.
- simillimum* Mueh., 1898, 18, t. h. *Fuligula nyroca*.—1898: Dist. 1899: *Psilost*.
- simplex* Odhn., 1900, 62, t. h. *Pleuronectes limanda*; Kristineberg, Sweden.—1900: *Aporocotyle* (type).
- simplex* Rud., 1809a, 370 (*æglefini* Mueller, 1776, renamed), t. h. *Gadus æglefinus*.—1809: Dist. 1886: *D. (Dicrocoelium)*. 1904: *Sinistroporus* (type).
- simplex* Polonio, 1859, teste Par., 1894, 147, t. h. *Lacerta muralis*; Padua.—1859: Dist.
- simplex* Looss, 1899b, 606, 607, *D. cygnoides* var. B. of Bensley, 1892, renamed.—1899: *Gorgodera*. 1902: *Gorgoderina* (type).
- simplex* Johnston, 1904, 112, t. h. *Ardea novæ hollandiæ* Lath.—1904: *Holost*.
- simplicissima* Curtis, 1900a, 447.—1900: *Planaria*.
- simulans* Looss, 1896b, 52, t. h. *Pernis apivorus*; Alexandria, Egypt.—1896: Dist. 1898: *Opisthorchis*.
- simulans poturzyensis* Kowal., 1898g, 71 or 1898h, 135, t. h. *Anas boschas dom.*—1898: *Opisthorchis*. 1898: *Campula*.
- sinense* Cobbold, 1875i, 423, t. h. *Homo*; China.—1875: Dist. 1895: *Opisthorchis*. 1896: *Dicrocoelium*. 1907: *Clonorchis* (type).
- sinese* Mosler & Peiper, 1894, 177 for *sinense* (Dist.).
- sinese* MacConnell, 1876, 343, misprint for *sinense* (Dist.).
- singulare* Mol., 1859, 288, t. h. *Ibis falcinellus*; Patavii.—1859: Dist. 1899: of Looss, *Stomylus* (type). 1892: *D. (Dicrocoelium)*. [1900: of Looss, *Stomylotrema*, type.]
- singulare* Keferstein, 1862a, 131, t. h. *Capitella rubicunda*; St. Vaast.—1862: *Loxosoma* (type).
- singularis* Stoss., 1902, 29, t. h. *Gallinula pusilla*; loc. not given.—1902: *Ophthalmophagus*.

- singularis* Mol. of Looss, 1899b, renamed *perpastum* Braun.—1899: *Stomylus* (type). [1900: *Stomylotrema*, type.]
- sinuatum* Goto, 1894a, 239, t. h. *Histiophorus* sp.; Japan.—1894: *Trist*.
- sinuatum* Rud., 1819a, 97, t. h. *Ophidium imberbe*; Naples.—1819: *Dist*. 1901: *Allocreadium*. 1902: *Helicometra*.
- sinuatum* Mont., 1899, 109, misprint for *sinuatum* 1894 (*Trist*.).
- siredonis* Poir., 1886, 32, t. h. *Siredon mexicanus*, int.—1886: *Dist*. 1899: *Opisthioglyphe*.
- sirenis* Braun, 1893a, 870, for *sirenis lacertinæ* (*Dist*.).
- sirenis lacertinæ* Vaillant, 1863, 348, t. h. *Siren lacertina*.—1863: *Dist*.
- sluiteri* Brock, 1886, 543, t. h. *Diacoep metallicus*; Java.—1886: *Euryceum* (type). 1892: *Dist*. 1892: *Apoblema*. 1899: *Hemiurus*.
- smaris* Ijima, in Goto, 1894a, 207, t. h. *Smaris vulgaris* (on caudal segment of a *Cymothoa*); Gulf of Naples.—1894: *Octobothrium*. 1894: *Dididophora*.
- sobrinum* Levin., 1881a, 70, t. h. *Cottus scorpius*; Egedesminde.—1881: *Dist*. 1886: *D*. (*Echinost*.). 1899: *Stephanost*. 1899: *Anoktost*. 1904: *Stephanochasmus*.
- soccus* Mol., 1858, 129, t. h. *Mustelus plebejus*; Patavii.—1858: *Dist*. 1886: *D*. (*Brachylaimus*). [1899: *D. megastomum*.]
- sociale* Luehe, 1901, 171, t. h. *Bufo melanostictus* Schneider; India.—1901: *Dist*.
- soleæ* Ben. & Hesse, 1863; 1864, 70, t. h. *Solea vulgaris*.—1863: *Phyllonella* (type). 1890: *Epibdella*. 1903: *Phylline*. 1879: *Trist*. (*Phyllonella*). 1878: *Trist*.
- soleæ* Duj., 1845a, \*417, t. h. *Pleuronectes solea*; Rennes.—1845: *Dist*. (*Brachylaimus*).
- soleæforme* Rud., 1809a, 384, t. h. *Trigla gurnardus*; for *D. triglæ gurnardi*.—1809: *Dist*. 1828: *Fasc*.
- soleare* Braun, 1899e, 629, t. h. *Testudo midas*.—1899: *Dist*. 1901: *Cymatocarpus*.
- solidus* Looss, 1901i, 619, t. h. *Chelone mydas*; Egypt.—1901: *Glyphicephalus* (type).
- solitaria* Looss, 1899b, 592, t. h. *Thalassochelys corticata*; Abukir.—1899: *Styphlodora*. 1903: *Renifer*.
- solivagus* Odhn., 1902, 29, t. h. *Clemmys caspica*.—1902: *Telorchis*.
- solæiformis* Blainv., 1828, 585, for *soleæforme* Rud., 1809a, 384.—1828: *Fasc*.
- somateriæ* Levin., 1881, 71, t. h. *Somateria mollissima*; Egedesminde.—1881: *Dist*. 1892: *D*. (*Brachycoelium*). 1899: *Lecithodendrium*. 1900: *Gymnophallus*. 1902: *Levithodendrium*. 1904: *Leucithodendrium*.
- sonsinoi* Giard, 1880a, lxxviii.—Linst., 1889, 23, for *sonsinoi* 1877 (*Gastrodiscus*).—1889: *Amphist*.
- sonsinoi* Cobbold, 1877e, Apr., 233, t. h. *Equus*; Egypt.—1877: *Gastrodiscus* (type). 1877: *Aspidocotylus*. [1889: *Amphist. sonsinoi*.] [1896: *Gastrodiscus ægyptiacus*.]
- sonsinoi* Poir., 1883, 74, for *sonsinoi* (*Gastrodiscus*).
- sonsionis* Cobbold, 1879b, 359, for *sonsinoi* (*Gastrodiscus*).
- sophiæ* Stoss., 1886, 44, t. h. *Pagellus mormyrus*; Triest.—1886: *Dist*. 1886: *D*. (*Echinost*.). [1899: *Creadinæ*, ?*Creadium*.]
- sorbens* Braun, 1899g, 490, t. h. *Tantalus loculator*; Brazil.—1899: *Clinost*.
- soricis* Dics., 1858e, 354, t. h. *Sorex araneus*.—1858: *Dist*. [1855: *D*. (*Dicrocoelium*).]
- soricis* Linst., 1877, 191, t. h. *Sorex vulgaris*.—1877: *Tetracotyle*.
- soricis aranei* Dies., 1855, 64; see *soricis*.—1855: *Dist*. (*Dicrocoelium*).
- spari* Rud., 1819a, 122, t. h. *Sparus erythrinus*, *S. smar*; C. E. V.—1819: *Dist*.
- spataceum* Stoss., 1896, 126, for *spathaceum* (*Diplost*.).
- spathaceum* Rud., 1819a, 109, t. h. *Larus glaucus*; Mus. Vien.—1819: *Dist*. 1845: *Holost*. 1850: *Hemist*. 1876: *Diplost*. 1898: *Conchosomum*.
- spathula* Brand., 1888a, 54, t. h. *Falco palumbarius*; Vienna Museum.—1888: *Diplost*. 1888: *Hemist*.
- spathula* Crep., 1829, 50, t. h. *Falco buteo*, *F. nisus*, *F. lagopus*.—1829: *Holost*. 1850: *Hemist*. [1898: *Conchosoma*.]
- spathulæforme* Brand., 1888a, 44, t. h. *Strix otus*.—1888: *Diplost*.
- spathulatum* Leuck., 1876, 871, not *Crep.*, 1849, t. h. *Homo*; for *spatulatum* Rud., 1819.—1876: *Dist*. [*Opisthorchis sinensis*.]

- spathulatum* Rud. of Crep., 1837, 310, for *spatulatum*.—1837: Dist. 1898: Echinost. 1902: D. (Echinost.). 1902: Sodalis (type).
- spathulatum* Dies., 1859c, 426, for *spatulatum* (Monost.).
- spathulatum hepatis* Simmonds, 1901, 110, see *sinense* (Dist.).
- spatiosus* Brand., 1898a, 197, t. h. *Bos taurus*; Dechidra, Arabia.—1898: *Gastrothylax*.
- spatula* Duj., 1845a, 394, t. h. *Accentor modularis*, int.; Rennes.—1845: Dist. (Dicrocoelium).
- spatula* Sieb., 1835, 57, for *spathula* Crep., 1829.—1836: Holost. 1898: *Conchoso-mum*.
- spatula* Odhn., 1902, 66, t. h. *Bagrus docmac*, B. bayad; Sudan.—1902: Phyllostid. 1902: *Catoptroides* (type).
- spatulæforme* Odhn., 1902, 67, t. h. *Malapterurus electricus*; Africa.—1902: Phyllostid. 1902: *Catoptroides*.
- spatulatum* Cobbold, 1879, 28, for *spathulatum* Leuck., 1876, 871; not *spatulatum* Rud., 1819.—1879: Dist. [*Clonorchis sinensis*.]
- spatulatum* Leidy, 1859, 111, t. h. a fish; America.—1859: Monost.
- spatulatum* Rud., 1819a, 109, t. h. *Ardea minuta*; Vien. Mus.—1819: Dist. 1845: Holost. 1902: Sodalis (type) *spatulatus*. 1898: Echinost. [*spathulatum*].
- speciosus* Stiles & Hass., 1896, 151, *D. longissimum corvinum*, 1894, renamed because of *D. corvinæ*, 1886; but *corvinæ* should not invalidate *corvinum*.—1896: *Opisthorchis*.
- spenceri* Haswell, 1893e, 97, t. h. *Astacopsis bicarinatus*; Australia.—1893: *Craspedella* (type).
- spermatica* Blumberg, see Chiaje, 1833, 34.— : Cerc.
- sphæricus* Klein, 1905, 68, t. h. *Rana hexadactyla*.—1905: *Pleurogenes*.
- sphærocephalus* Westrumb, 1823, 396, t. h. *Coracias jugularis*; Rio de Janeiro, Brazil.—1823: Amphist. 1850: Holost.
- sphærostomum* Schlotthauber, 1860, 130, t. h. *Corvus caryocatactes*.—1860: Dist.
- sphærule* Looss, 1896b, 81, t. h. *Rhinolophus hippocrepis* Bonap.; Ghizeh.—1896: Dist. 1899: *Lecithodendrium*.
- sphærule* Rud., 1803a, 23, t. h. *Corvus cornix*; Greifswald.—1803: Amphist. 1845: Holost.
- sphyræ* Braun, 1890a, 544, for *sphyrna* (Dactylogyrus).
- sphyræne* Tasch., 1879, 612, t. h. *Sphyræna vulgaris*; Naples.—1879: Didymozoon.
- sphyrna* Linst., 1878, 229, t. h. *Abramis vimba*; middle Europe.—1878: Dactylogyrus.
- spiculator* Duj., 1845a, 424, t. h. *Mus decumanus*; Rennes.—1845: Dist. (Echinost.). 1860: Echinost.
- spiculigerum* Muehling, 1898, 18, t. h. *Fuligula nyroca*.—1898: Dist. 1899: Psilost.
- spinacis* Goto, 1894a, 224, t. h. *Spinax* sp.; at Odawara, Japan.—1894: *Onchocotyle*. 1899: *Squalonchocotyle*.
- spindalis* Montgomery, 1906, 147, t. h. *Bos indicus*; India.—1906: *Schistosoma*.
- spinetum* Braun, 1901, 563, t. h. *Rhynchops nigra* L.; Brazil.—1901: *Microlistrum*.
- spiniceps* Looss, 1896b, 114, t. h. *Bagrus bayad*; Cairo, Egypt.—1896: Dist. 1899: Anoiost. 1899: *Acanthost.* (type). 1901: *Acanthochasmus* (type).
- spinifera* La Valette, 1855, 17, t. h. *Paludina vivipara*, *Planorbis corneus*.—1855: Cerc. 1858: C. (*Nephrocephala*).
- spiniferum* Ratz, 1903, 422, t. h. *Botaurus stellaris*; Hungary.—1903: *Pegasomum*.
- spiniosissimum* Stoss., 1883, 112, t. h. *Box salpa*; Triest.—1883: Monost. 1901: *Centroderma* (type).
- spinosum* Linst., 1880, 51, t. h. *Sylvia rufa*.—1880: Dist. 1892: D. (Dicrocoelium). [1899: ?*D. cirratum*.]
- spinulosum* Rud., 1808a, 458; 1809a, 425, t. h. *Larus nævius*, *L. cinerarius*, *Colymbus septentrionalis*; Greifswald.—1809: Dist. (Echinost.). 1858: Echinost.
- spinulosum* Hofmann, 1899a, 184.—1899: Dist. 1899: Harmost.
- spinulosum* Hofmann, 1899a, 178, of *pulmonates*.—1899: *Cercariæum*. [1899: Dist. *spinulosum*.]
- spinulosum* Looss, 1901b, 623, t. h. *Chelone mydas*; Alexandria, Egypt, from Egyptian coast.—1901: Amphist.

- spirale* Dies., 1850a, 325, t. h. *Hypsilophus tuberculatus*, *Podocnemis tracaxa*, *Chelonsidis tuberculatus*; Brazil.—1850: Monost. 1892: Dist.
- spirale* Fil., teste Par., 1896, 2, t. h. *Dentex vulgaris*.—Dist.
- squali* E. Bl., 1847, 327, t. h. *Squalus*; New Zealand.—1847: Trist. [1850: T. blanchardii.]
- squali grisei* Risso, —, 38, see Dies., 1850a, 347.—Fasc. [1850: Dist. veliporum.]
- squamata* Kerbert, 1881a, 556, for *squamula* (Dist.).
- squamatum* Linst., 1906, 174, t. h. *Dissura episcopus*; Palatupana.—1906: *Lyperosomum*.
- squamatus* Odhn., 1905, 297 (armatum Mol. of Olss.), t. h. *Cottus scorpius*; Belgium.—1905: *Proserhynchus* (type).
- squamosum* Villot, 1878, 20, t. h. *Strepsilas interpres*.—1878: Holost. 1890: Dist.
- squamula* Rud., 1819a, 103, t. h. *Mustela putorius*; Mus. Vien.—1819: Dist. 1845: D. (*Eury soma* [type]). 1850: Monost. 1892: D. (*Dicrocelium*). 1898: *Eury soma* (type).
- squamula* Heath, 1902, 109, t. h. *Paralichthys californicus*.—1902: *Epibdella*. 1903: *Phylline*. 1905: E. (*Phylline*).
- squatina* Ben., 1865a, 11, t. h. *Squatina angelus*; Ostend, Belgium.—1865: *Pseudocotyle* (type).
- squillarum* Par. & Per., 1889, 76, t. h. *Bopyrus squillarum*; Trieste.—1889: *Mescocotyle* (type). 1898: *Dactylocotyle*. 1895: *Octobothrium*. [1898: *Dactylocotyle merlangi*.]
- stagnalis* Mueller, 1774, 53, in *stagnis*.—1774: Fasc. 1776: *Planaria*.
- stanleyi* Cobbold, 1879b, 357, for *stanleyii* (*Amphist.*).—1879: *Amphist. collinsii*.
- stanleyii* Cobbold, 1875n, 819, t. h. *Equus caballus*; India.—1875: *Amphist*.
- steenstrupi* Odhn., 1902, 68, t. h. *Anarrhichas minor s. pantherinus*; Coll. Copenhagen.—1902: *Lepidophyllum* (type).
- stenocotyle* Cohn, 1902, 880, t. h. *Herpetodryas fuscus*; South America.—1902: *Leptophyllum* (type).
- stentomi* Goto, 1899a, 279, t. h. *Stenotomus chrysops*; Newport, R. I.—1899: *Microcotyle*.
- sternæ cantiacæ* Dies., 1858, 355, t. h. *Sterna cantiaca*; based on LaValette and Moul., 1856, 102.—1858: Dist.
- stossichi* Mont., 1893, 87, for *stossichii* (*Apoblema*).—1899: *Hemiusus*.
- stossichi* Luehe, 1901 of Odhn., for *stossichii*.—1905: *Hemiusus*. [1905: H. lühei.]
- stossichi* Braun, 1899, 80, t. h. *Mustelus lævis*.—1899: *Calicotyle*.
- stossichianum* Mont., 1892, 12, t. h. *Box salpa*; Italy.—1892: Monost.
- stossichii* Mont., 1891, 512, t. h. *Clupea aurita*, *C. pilchardus*.—1891: *Apoblema*. 1893: Dist. 1899: *Hemiusus*. 1907: *Aphanurus*, type.
- strephocelium* Fischder., 1902a, 19, for *streptocelium* (*Paramphist.*).
- streptocelium* Fischder., 1901, 369, t. h. *Bos kerabau*; Ceylon.—1901: *Paramphist*.
- striata* Herbst, 1787a, 34.—1787: *Planaria*.
- striata* Par. & Perugia, 1890, 7, 21, t. h. *Lichia amia*; Trieste.—1890: *Vallisia* (type). 1890: *Octocotyle*. [*Octobothrium arcuatum*].
- striatum* Rud., 1809a, 343, t. h. *Falco milvus*; Europe.—1809: *Amphist*. [1819: A. macrocephalum.] [1850: Hemist. spathula.]
- stridulæ* Reich, 1801, 371, t. h. *Strix stridula*.—1801: Bist. 1801: Dist. [1809: D. apiculatum.]
- strigata* Mueller, 1774, 66, in *aquis paludosis*.—1774: Fasc. 1776: *Planaria*.
- strigis* Schrank, 1788a, 16, t. h. *Weideneule*.—1788: *Festuc*. 1790: Fasc. [*Planaria*.] 1790: *Strigea*, type. [1801: *Amphist*, type.] [1809: *Amphist. macrocephalum*, type.] [1850: Holost. variabile.]
- strigis stridulæ* Braun in Rud., 1809a, 347.—1809: Fasc.
- strigosum* Loos, 1899, 634, t. h. *Merops apiaster*; Marg.—1899: *Dicrocelium*. 1899: *Lyperosomum*.
- sturionis* Rud., 1809a, 435, t. h. *Acipenser sturio*; Arimini.—1809: Dist. [—: D. hispidum.]
- sturionis* Abildg., 1794b, 55, t. h. *Stören*.—1794: *Hirudo*. —: Trist. [1850: *Nitzschia elegans*.] 1852–53: *Nitzschia*. [1878: T. elongatum.]

- stylosa* Linst., 1875, 193, t. h. *Planorbis vortex*.—1875: Cerc.
- subclavata* [Pallas, 1760, 29;] Gœze, 1782a, 178, t. h. *Rana*; Germany.—[1760: Fasc.] 1782: *Planaria*. 1788: Fasc. 1800: Dist. 1802: Amphist. 1836: *Diplodiscus* (type). [1850: *Diplocotyle*.]
- subclavata* ore sessile Pallas, 1760, or 1761, 271, t. h. *Rana*.—1760: Fasc.
- subclavatum* Soss., 1893, 187, for *subclavatum* (Amphist.).
- subflavum* Soss., 1892, 91, t. h. *Zamenis viridiflavus*.—1892: Dist. 1895: D. (*Brachylaimus*).
- [*subtilis* (Nitzschia), a diatom.]
- subtriquetrum* Rud., 1814a, 100, t. h. *Castor fiber*; Berlin, Germany.—1814: Amphist. 1840: Dist. 1901: *Cladorchis* (*Stichorchis*). 1902: *Stichorchis*.
- subtriquetrum giganteum* Kuech., 1855, 192 (?for *subtriquetrum*, *giganteum*).—1855: Amphist.
- subulata* Herbst, 1787a, 36.—1787 *Planaria*.
- subulo* Pag., 1857, 19, t. h. *Paludina vivipara*—1857: Cerc. 1858: C. (*Acanthocephala*).
- suis* Stiles, 1898a, 22, *musculorum suis* Duncker, 1896, named binominally; t. h. *Sus scrofa dom.*; Germany.—1898: Agamodist.
- sulcatum* Linst., 1883, 309, t. h. *Perdix græca*; Turkestan.—1883: Dist. 1892: *Cladocœlium*.
- sulcatum* Rud., 1809a, 337, t. h. *Rana pipa*, intestine.—1809: Monost. (Monost.).
- superbum* Staff., 1904, 492, t. h. *Ameiurus nebulosus*, *Perca flavescens*; Canada.—1904: Phyllodist.
- suspensum* Braun, 1901, 948, t. h. *Corvus* sp.—1901: Dist.
- squamula*, see *squamula*.
- sygnoides* Nord., 1840, 617, for *cygnoides* (Dist.).
- sylvia* Rud., 1819a, 675, t. h. *Sylvia cyanea*; Brazil.—1819: Amphist.
- synthes* Fischder., 1901, 371, t. h. *Bos kerabau*; Ceylon.—1901: *Gastrothylax*.
- syrinus* Kuech., 1855, 471, misprint for *gyrinus* (Cerc.).
- tabulatum* Mueller, 1897, 21, in *Numenius arquatus*.—1897: Echinost.
- tacapense* Soss., 1894, 111; 1894, 2, t. h. *Chamaeleo vulgaris*, *Rana esculenta*, *Bufo* sp.; Gabes in Tunis.—1894: Dist. (*Brachycœlium*). 1899: *Pleurogenes*. [1899: D. medians Olss.]
- tadornæ* Rud., 1819a, 89, for *anatis tadornæ*, syn. of *isostomum*.—1819: Amphist.
- tænioidea* Nord., 1840, 595, for *tænioides* (Polyst.).
- tænioides* Rud., 1809a, 441, t. h. *Canis familiaris*; France.—1809: Polyst. (Pentast.). 1819: Pentast. 1819: *Prionoderma*. [1824: *prionoderme* (type).] 1789: *Lingua-tula*, type.]
- tænioides* Mont., 1888a, 93, t. h. *Orthagoriscus mola*.—1888: *Didymozoon*. 1904: *Nematobothrium* (*Didymozoon*).
- tagax* Braun, 1901g, 896, t. h. *Hirundo versicolor*; Brazil.—1901: *Stomylotrema*.
- talpæ* Viborg, 1795, 242.—1795: Dist.
- talpæ cœcæ* Dies., 1850a, 472.—1850: *Trematodum*.
- tanagræ* Rud., 1819a, 674, t. h. *Tanagra tatarica*; Brazil.—1819: Amphist.
- tarda* Steenstrup, 1842, 75, Cerc. *armata* Siebold, renamed.—1842: Dist. [1858: *Tetracotyle typica*.]
- tardigrada* Dies., 1850a, 293, D. *duplicatum*, renamed.—1850: *Rhopalocerca* (type).
- tartini* Stoss., 1899, 6, t. h. *Oblata melanura*; Trieste.—1899: Dist.
- taschenbergi* Par., 1894, 704, for *taschenbergii* (*Dactylocotyle*).
- taschenbergi* Par. & Per., see St. Remy, 1898, 555.—*Diclodophora*.
- taschenbergii* Par. & Perugia, 1889, 743, t. h. *Sargus rondeletii*; Genova.—1889: *Choricotyle*. 1890: *Octobothrium*. 1894: *Dactylocotyle* (*Choricotyle*).
- tasmanica* Haswell, 1900, 430, t. h. *Astacopsis tasmanica*.—1900: *Temnocephala*.
- tectum* Linst., 1873, 104, t. h. *Osmerus eperlanus*.—1873: Dist. [1905: *Brachyphallus crenatus*, type.]
- tellinæ balticæ* Dies., 1850a, 298, t. h. *Tellina baltica*; Gedani.—1850: Cerc. 1855: *Cercariaeum*.
- temperatus* Staff., 1905, 689, t. h. *Rana catesbiana*, *R. virescens*; Canada.—1905: *Diplodiscus*.

- tenax* Mueller, 1773, 69, in infusione sordium dentium intra quadriduum.—1773: Cerc. 1827: Phacus.
- tener* Kowal., 1903, 517, t. h. Mergus merganser.—1903: Metorchis.
- tenere* Looss, 1898, 458, D. tacapense Sonsino of Looss renamed.—1898: Dist. 1898: Pleurogenes. 1899: Prosoctocus. 1899: D. (Pleurogenes).
- tenerum* Looss, 1899b, 616, 622, see tenere (Dist.).
- tensum* Looss, 1902h, 141, t. h. Mugil chelo; Triest.—1902: Saccocœlium.
- tentaculata* Mueller, 1774, 63, in aquis palustribus.—1774: Fasc. 1776: Planaria.
- tenue* Lint., 1898, 535, t. h. Roccus lineatus.—1898: Dist.
- tenue tenuissime* Lint., 1898, 536, t. h. Morone americana.—1898: Dist.
- tenuicolle* Rud., 1819a, 93, t. h. Phoca barbata.—1819: Dist. 1892: D. (Brachylaimus). 1896: Opisthorchis.
- tenuicolle* Rud., 1819a, 85, t. h. Lampris guttatus; Groningæ.—1819: Monost. (Monost.) [1850: Dist. affine Dies. nec Rud.].
- tenuicolle* Westrumb, 1823, 391, t. h. Falco rufus; [Mus. Cat. Vien.].—1823: Amphist. 1850: Holost.
- tenuicollis-felineus* Looss, 1899, 678, see tenuicollis.—1899: Opisthorchis.
- [*tenuis* Muenster, 1842, 99.—Hirudinella. Hirudella, a leach.]
- tenuis* Wedl, 1857, 258, t. h. Perca fluviatilis.—1857: Gyrodactylus. 1858: Dactylogyrus.
- tenuissime* Lint., 1898, 536, t. h. Morone americana.—1901: Dist. [1898: D. tenue.]
- teres* Goeze, 1782a, 173.—1782: Planaria.
- teres duplici poro* Goeze, 1782a, 173.—1782: Planaria.
- teres poro simplici* Goeze, 1782a, 173.—1782: Planaria.
- tereticolle lucii* Mayer, 1841, 18.—1841: Distoma.
- tereticolle rosaceum* (Nordmann, 1832) Dies., 1850a, 364.—1850: Dist.
- tereticollis* Rud., 1802, 74–75, lucii Mueller renamed.—1802: Fasc. 1808: Dist. 1845: Dist. (Brachylaimus). 1899: Azygia (type). 1904: Azigia.
- teretiusculum* Mont., 1893, 40, t. h. Solea klenii.—1893: Dist.
- tergestinum* Stoss., 1889, 28, t. h. Oblata melanura; Triest.—1889: Dist.
- tergestinum* Stoss., 1883, 119, t. h. Gobius niger, G. jozo; Triest.—1883: Gasterost.
- terrestris* Mueller, 1774, 68, in asseribus muscisque humidis.—1774: Fasc. 1776: Planaria. [Rhynchodesmus.]
- terrestris* Linst., 1889c, 241, t. h. Helix lens; Greece.—1889: Cerc.
- terricola* Linst. 1889c, 241, t. h. Helix ? vermiculata; Algiers.—1889: Cerc.
- testudinis* Rud., 1819a, 121, t. h. Testudo orbicularis; C. E. V.—1819: Dist. [1850: Monost. delicatulum.]
- testudinis* Braun, 1899, 630, MS. name in Vienna Coll.—1899: Monost. [1899: Dist. scyphocephalum.]
- testudinis mydæ* Braun, 1899, 629, for t. mydæ (Dist.).
- testudinis mydæ* Rud., 1809a, 433, for D. intestinalis testudinis mydæ.—1809: Dist.
- tethyæ* Mont., 1892, 717.—1892: Monost.
- tetracystis* Gastaldi, 1854, 4, t. h. Rana esculenta.—1854: Dist. 1905: Cystagora (type).
- tetracystis ranæ esculentæ* Dies., 1855, 64; see tetracystis.—1855: Dist.
- tetragona* Mueller, 1774, 69, in stagno ac foveis aquæ purioris nec vulgaris.—1774: Fasc. 1776: Planaria.
- tetrodonis* Goto, 1894a, 213, t. h. Tetrodon sp.; Hagi, Japan.—1894: Dielidophora. 1896: Heterobothrium (type).
- tetrodonis* St. Remy, 1898, 554, for tetradonis (Dielidophora) (Heterobothrium).
- texanicum* Francis, 1891c, 135, t. h. Bos taurus; Texas.—1891: Dist. [Fasc.] [Fasc. magna.]
- texicanum* Leuck., 1892b, 797, for texanicum (Dist.).
- thauanthiadis* Braun, 1889a, 357, for thaumantiatis (Cerc.).
- thauanthiadis* Pag., 1862, 298, for thaumantiatis (Cerc.).
- thauantiatis* Græffe, 1860a, 49, t. h. Thaumantias.—1860: Cerc.
- thelhydis* delle Chiaje, teste E. Bl., 1847a, 309.—Monost.

- thetidicola* Otto, 1823, 294, t. h. *Thetis fimbria*.—1823: *Vertumnus* (type). [1823: *Phoenicurus varius*.]
- thetycola* (delle Chiaje?), see Pag., 1862, 298.—Monost.
- thompsonii* Mueller, 1841, 147.—1841: *Cyclocirra* (? type).
- thunninæ* Par. & Per., 1889, 742, t. h. *Thynnus thunnina*; Genova.—1889: *Octocotyle*. 1890: *Octobothrium*. 1896: *Hexacotyle*.
- thynni* Delaroche, 1811a, 271, t. h. *Scomber thynnus*; Maroque.—1811: *Polyst.* [1815: *Hexost.*, type.] 1828: *Hexacotyla* (type). 1840: *Hexacotyle* (type). [1850: *Plagiopeltis duplicata*, type]. 1890: *Exacotyle*. 1891: *Plagiopeltis*.
- thynni* Tasch., 1879, 612 (Monost. *bipartitum*, renamed), t. h. *Thynnus vulgaris*.—1879: *Didymozoon*, type. [1902: *Didymocystis reniformis*, type].
- thynni* Par. & Per., 1891, 19, [lapsus for *thunninæ*?].—1891: *Octocotyle*.
- tinca* Modeer, 1790, 127, t. h. *Cyprinus tinca*.—1790: *Fasc.* 1809: *Dist.* [1809: *D. globiporum*]. [1850: *D. perlatum*.]
- tobiani* Krøyer, 1846–53a, 592, t. h. *Ammodytes tobianus*.—1846–53: *Dist.*
- todari* delle Chiaje, 1841, 139.—1841: *Dist.*
- todari* delle Chiaje, see Par., 1894, 168, in *Ommastrephes todarus*; Naples.—Monost.
- tornatum* Rud., 1819a, 684, t. h. *Coryphæna equiselis*, *C. hippuris*.—1819: *Dist.* 1845: *D.* (Apoblemma). 1889: *Apoblemma*. 1899: *Hemimurus*. 1901: *Lecithocladium*.
- torosum* Setti, 1897, 4, t. h. *Squalus* sp.; Massaua.—1897: *Otiotrema* (type). 1903: *Dist.*
- torpedinis* Chatin, 1874a, 11, t. h. *Torpedo marmorata*; Mediterranean.—1874: *Amphibdella* (type). 1890: *Tetraonchus*.
- torulosum* Rud., 1814a, 104, t. h. *Silurus glanis*; Greifswald.—1814: *Dist.*
- torva* Mueller, 1774, 62, in aquis.—1774: *Fasc.* 1776: *Planaria*.
- totari* E. Bl., 1847a, 309, for *todari* (*Dist.*).
- totari* E. Bl., 1847a, 309, for *todari* (Monost.).
- trachea* Montagu, 1811, 194, t. h. poultry, *Gallus gallus*.—1811: *Fasc.* 1819: *Dist.* [*Syngamus trachealis*, a nematode].
- tracheicola* Braun, 1901, 943, t. h. *Anas fusca*; Vienna, Austria.—1901: *Orchipedum* (type).
- trachini* Par. & Perugia, 1889, 744, t. h. *Trachinus radiatus*; Genova.—1889: *Microcotyle*.
- trachuri* Ben. & Hesse, 1863, 1864, 118, t. h. *Caranx trachurus*.—1863: *Gastrocotyle* (type).
- trachuri* Par. & Perugia, 1890, 11, t. h. *Caranx trachurus*; Genoa.—1890: *Pseudaxine* (type).
- translucida* Staff., 1902, 413, t. h. *Bufo lentiginosus*, *Rana virescens*; America.—1902: *Gorgodera*. 1905: *Gorgoderina*.
- transversalis* Rud., 1802, 69, t. h. *Cobitis foessilis*; Berlin, Germany.—1802: *Fasc.* 1809: *Dist.* 1901: *Allocreadium*.
- trapezium* Leidy, 1891a, 414, t. h. *Pandion carolinensis*.—1890: *Dist.*
- tremellaris* Mueller, 1774, 72, in mare Balthico, Hafniam alluente.—1774: *Fasc.* 1776: *Planaria*.
- tremoctopodis* Koelliker, 1849e, 67.—1849: *Hectocotylus*. [1849: ♂ of *Tremoctopus*.]
- triangular* Johnston, 1904, 108, t. h. *Dacelo gigas*.—1904: *Hemist.*
- triangulare* Dies., 1850a, 351, t. h. *Merope apiaster*.—1850: *Dist.* 1899: *Megacetes* (type). 1901: *Plagiorchis*. 1900: *Eumegacetes* (type).
- triangulare* Dies. of Looss, see emendatus Braun.—1899: *Megacetes* (type). [1900: *Eumegacetes*, type].
- triangulare* Johnston, 1904, 108, t. h. *Dacelo gigas*.—1904: *Hemist.*
- triangularis* Goto, 1894a, 200, t. h. *Acanthias schlegelii*; Misaki, Japan.—1894: *Axine*.
- tricaudata* Schrank, 1803, 86.—1803: *Cerc.*
- tricolor* Stiles & Hass., 1894, 729, t. h. *Lepus sylvaticus*, *L. americanus*; Maryland.—1894: *Dist.*
- trifolium* Braun, 1901, 947, t. h. *Ardea coicoides*; Brazil.—1901: *Dist.*
- triganocephalum* Kampmann, 1894b, 454, misprint for *trigonocephalum* (*Dist.*).
- trigla* Ben. & Hesse, 1863; 1864, 92, t. h. *Trigla*.—1863: *Udonella*.
- trigla* Ben. & Hesse, 1863, 117; 1864, 117, t. h. *Trigla hirundo*.—1863: *Axine*.

- triglæ* Ben., 1870, 30, t. h. *Trigla hirundo*; Belgium.—1870: *Gasterost.*
- triglæ* Rud., 1819a, 122, t. h. *Trigla cuculus*; C. E. V.—1819: *Dist.*
- triglæ gurnardi* Rathke, 1799, 68, t. h. *Trigla gurnadus*.—1799: *Dist.* [D. soleæforme.]
- triglæ pini* Dies., 1855, 64, t. h. *Trigla pini*.—1855: *Dist.* [1858: D. homoeostomum.]
- trigonocephala* Rud., 1802b, 87, F. melis Schrank, renamed, t. h. Schweinigel.—1802: *Fasc.* 1809: *Dist.* (Echinost.). [1828: type of festucaire.] 1860: Echinost.
- trigonocephalum* Rud., 1809a, 336, t. h. *Testudo mydas*; Europe.—1809: *Monost.* (Monost.) 1901: *Pleurogonimus*.
- trigonocephalum* Rud. of Looss, 1899b, 666, renamed *obliquus* 1901.—1899: *Pronocephalus* (type, see *obliquus*).
- trigonocerca* Dies., 1858d, 259, C. limacis Moul., t. h. *Limax cinereus*, L. (*Arion*) *rufus*; Geneva.—1858: *Cerc.* (*Acanthocephala*).
- trigonostoma* Wagener, 1857, 90, t. h. *Cyprinus rutilus*.—1857: *Dactylogyrus*.
- triloba* Fil., 1857c, 3, t. h. *Planorbis carinatus*, *Lymnæus stagnalis*; Turin.—1857: *Cerc.* 1858: C. (*Acanthocephala*).
- trilobum* Rud., 1819a, 104, t. h. *Pelecanus carbo*; Mus. Vien.—1819: *Dist.* 1850: *Hemist.*
- tringæ* Brand., 1892, 507, t. h. *Tringa variabilis*; Sinai.—1892: *Monost.* [1902: *Cyclocelum*.] 1902: *Hæmatotrophus*.
- tringæ helveticæ* Rud., 1819a, 120, t. h. *Tringa helvetica*; C. E. V.—1819: *Dist.* [1850: D. cinctum.]
- tripes* Bosc, 1802a, v. 3, 227, see also *tripos* (Cerc.).
- tripos* Mueller, 1776, 206, in *aqua marina*.—1776: *Cerc.* 1827: *Ceratum*.
- tripunctata* Erc., 1881e, 23, t. h. *Planorbis corneus*; Italy.—1881: *Cerc.*
- tripus* Gmelin, 1790a, 3892, for *tripos* (Cerc.).
- triserialis* Dies., 1839a, 234, t. h. *Anas anser dom. et ferus*, etc.; Europe.—1839: *Notocotylus* (type). 1840: *Nocotylus*. 1850: *Notocotyle* (type). 1860: *Monost.*
- truncatum* Perroncito, 1882, 248, for *truncatum* (Dist). [Ercolani.]
- truttæ* Bosc, 1802a, 274, for *truttæ* (Fasc.).
- truncata* Mueller, 1806, 35, t. h. *Perca lucioperca*.—1806: *Fasc.* 1814: *Dist.*
- truncata* Dies., 1850a, 422, *Octostoma scombrus* renamed, t. h. *Scomber scombrus*; Rhedoni.—1850: *Octocotyle*. 1858: *Octoplectanum*. 1879: *Octobothrium*.
- truncata* Goto, 1894a, 191, t. h. *Pristipoma japonicum*; Japan.—1894: *Microcotyle*.
- truncata* Bosc, 1802a, 262.—1802: *Planaria*.
- truncata* Leidy, 1851b, in 224–227, free form; Newark, Del.—1857: *Planaria*.
- truncatum* Rud., 1819a, 91, t. h. *Phoca vitulina*; Europe, Berlin, Vratislaviæ.—1819: *Amphist.* 1886: *Dist.* 1896: *Opisthorchis*. 1899: *Metorchis*.
- truncatum* F. S. Leuck., 1842, 34, t. h. *Sorex fodiens*.—1842: *Dist.*
- truncatum* Erc., 1859a, 382, t. h. *Canis familiaris*; Italy.—1859: *Dist.* [D. *truncatum* (Rud.).]
- trunkatum* Schneidemuehl, 1896, 303, for *truncatum* (Amphist.).
- truttæ* Moul. of Dies., 1858, 356.—1858: *Dist.*
- truttæ* Frœlich, 1789, 126, t. h. *Salmo trutta*; Europe.—1789: *Fasc.* [1809: *Dist. laureatum*.]
- truttæ (intestinalis)* Ræderer, 1762, 537, t. h. forelle.—1762: *Fasc.* [1810: *Ligula nodosa*.] [1809: ?*Echinorhynchus fusiformis*.] [1905: *Echinorhynchus*.]
- tuba* Linst., 1878, 228, t. h. *Squalius leuciscus*.—1878: *Dactylogyrus*.
- tuba* Braun (1805), 49.—1805: *Hirudo*. [1809: *Amphist. subclavatum*.]
- tubarium* Rud., 1819a, 111, t. h. *Sciæna umbra*; Spezia.—1819: *Dist.*
- tuberculata* Fil., 1857c, 8, t. h. *Paludina impura*.—1857: *Cerc.* 1858: C. (*Gymnocephala*).
- tuberculatum* Cobbold, 1875n, 819, t. h. ox; India.—1875: *Amphist.*
- tubiporum* Dies., 1836a, 14, t. h. *Trigla hirundo*.—1835: *Trist.* 1840: *Capsala*. [1850: *Trochopus longipes*, type.] 1864: *Trochopus* (type).
- tubiporum* Braun, 1900, 388, t. h. *Vespertilio* sp.—1900: *Dist.*
- tubulatum* Rud., 1819a, 675, t. h. *Murena* sp.; Brazil.—1819: *Dist.*
- tumbesiana* Wacke, 1903, 1.—1903: *Temnocephala*.



- tumidulum* Rud., 1819a, 95, t. h. *Syngnathus hippocampus*; Vienna.—1819: Dist. 1901: Allocreadium.
- turbo* Mueller, 1786, 123, in aqua rivulari cum *Lemna rarior*.—1786: Cerc. [1827: Urocentrum, type.]
- turdi* Rud., 1819a, 120, t. h. *Turdus saxatilis*; C. E. V.—1819: Dist. [1850: D. mesostomum; D. nephrocephalum.]
- turgidum* Brand., 1888, 247, t. h. *Rana esculenta*.—1888: Dist. 1899: Brandesia (type).
- tursionis* Marchi, 1872, 304, t. h. *Delphinus tursio*, int.—1872: Dist. 1896: D. (Dicrocoelium). [D. (Dicrocoelium) longissimum Poir.]
- tynni* Crety, 1892c, 399, for *thynni* (Exacotyle).
- typica* Dies., 1858e, 366, t. h. see p. 369; Europe.—1858: Tetracotyle (type).
- [*typus*, reptile, Bucephalus.]
- umbla* Fabricius, 1780a, 329, t. h. *Salmo umbla*; Greenland.—1780: Fasc. 1803: Dist. [1809: D. seriale.]
- umbonatum* Odhn., 1902, 21, t. h. Krokodil; Nile.—1902: Echinost.
- umbrinae* Stoss., 1885, 159, t. h. *Umbrina cirrhosa*; Triest.—1885: Dist. 1905: Allocreadium. 1886: D. (Brachylaimus).
- unciforme* Rud., 1819a, 674, t. h. *Oriolus cristatus*; Brazil.—1819: Amphist. 1850: Holost.
- uncinata* Dies., 1850a, 412, lapsus for *uncinulata*.—1850: Fasc. [1850: Polyst. integer-rimum.]
- uncinatum* Macé (1880).—1880: Polyst.
- uncinatum* Zed., 1803a, 221, t. h. *Fulica chloropus*.—1803: Dist. 1809: D. (Echinost.). 1860: Echinost. [1892: E. cinctum.]
- uncinatum* Mont., 1889, 117, t. h. ?*Pleuronectes*; Coll. Leuck.—1889: Trist.
- uncinatus* Wagener, 1857, pl. 13, fig. 2, t. h. *Perca fluviatilis*.—1857: Dactylogyrus.
- uncinulata* Braun, 1790, 58, t. h. *Rana esculenta*; Germany.—1790: Planaria. 1790: Fasc. [1800: Polyst. ranæ, type.] [1850: Polyst. integerrimum.]
- uncinulatum* Macé in Braun, 1890a, 418, for *uncinatum* (Polyst.).
- undulatus* Looss, 1899, 594, t. h. *Thalassochelys corticata*; Abukir.—1899: Cymato-carpus (type).
- unguiculatus* Mont., 1888, 90, for *unguiculatus Tetraonchus* (Dactylogyrus).
- unguiculatum* Rud., 1819a, 91, t. h. *Triton palustris*; Berlin, Germany.—1819: Amphist. 1836: Diplodiscus.
- unguiculatus* Wagener, 1857, 61.—1857: Dactylogyrus. 1858: Tetraonchus.
- unicum* Mol., 1859, 835, t. h. *Centrolophus pompilius*; Padua.—1859: Dist. 1886: D. (Podocotyle).
- unicum* Odhn., 1902, 66, t. h. *Serranus* sp.; Sinai, Red Sea.—1902: Phyllodist.
- unicum* Looss, 1896b, 44, renamed *reniferum*; t. h. *Trionyx nilotica*; Egypt.—1896: Dist. 1899: Astia (type).
- unionicola* Graff, 1904, 457, t. h. Muscheln.—1904: Planaria.
- upupæ* Schrank, 1790, 123, t. h. *Upupa epops*, rectum.—1790: Fasc. [1809: Dist. involutum.]
- urcatum* Luehe, 1900, 489, misprint for *furcatum* (Dist.).
- urna* Looss, 1907, 485, t. h. *Vesperugo kuhli*; Cairo, Egypt.—1907: Lecithodendrium.
- urniceps* Schlotthauher, 1860, 129, t. h. *Falco pygargus*.—1860: Holost.
- urnigerum* Rud., 1819a, 89, t. h. *Rana esculenta*; Mus. Vien.—1819: Amphist. 1845: Holost. [1850: Codonocephalus mutabilis, type.]
- urocotyle* Par., 1899, 6, t. h. *Scorpena scrofa*; Portoferraio.—1899: Pleorchis. 1905: Derogenes.
- vagans* Leidy, 1850, 304, t. h. *Helix alternata*, H. albolabris; D. helicis renamed.—1850: Dist. 1855: Cercariæum.
- vaginatum* Brand., 1888a, 64, t. h. *Cathartes* sp.; Brazil.—1888: Holost.
- valdeinflatum* Stoss., 1883, 114, t. h. *Gobius jazo*; Triest.—1883: Dist. 1886: D. (Echinost.) 1898: Agamodist. [1899: Stephanost. cesticillus.]
- valdeinflatum* Nicoll, 1907, 69, for *valdeinflatum* (Dist.).

- validum* Linst., 1886, 124, t. h. *Delphinus* sp.; South Atlantic.—1886: Dist. 1892: D. (*Brachylaimus*).
- vallei* Stoss., 1896, 129, t. h. *Falco subbuteo*.—1896: Dist.
- vallei* Stoss., 1899, 3, t. h. *Thalassochelys caretta*; Corfu.—1899: *Aspidogaster*. [1901: *Lophotaspis adhærens*.] 1902: *Lophotaspis*, type. 1902: *Amphist.*, probably lapsus.
- vallei* Par. & Per., 1895, 3, t. h. *Naucrates ductor*; Genova.—1895: *Placunella*. 1903: *Ancyrocotyle* (type).
- van benedeni* St. Remy, 1898, 567, for *van benedenii* (*Dactylogyrus*).
- van benedenii* Par. & Per., 1890, 96–97, t. h. *Mugil auratus*.—1890: *Tetraonchus*.
- van benedenii* Par. & Per., 1895, 2, t. h. *Mugil auratus*; Triest.—1895: *Dactylogyrus*. See also *benedenii*.
- vanelli* Rud., 1819a, 87, t. h. *Tringa vanellus*; Mus. Vien.—1819: *Monost.* [1850: *M. mutabile*.]
- variabile* Leidy, 1856, 44, t. h. *Tropidonotus sipedon*.—1856: Dist. 1903: *Renifer*.
- variabile* Nitzsch, 1819, 400, includes *macrocephalum* Rud., t. h. owls; Germany.—1819: *Holost.* (type). 1860: *Monost.*
- varica* Mueller, 1784, 93, t. h. *Salmo salar*, stomach.—1784: Fasc. 1803: Dist. 1886: D. (*Brachylaimus*). 1899: *Hemiurus*. 1901: *Drogenes*.
- varicans* Abildg., 1794, 89, in aqua rivulari.—1794: Cerc. 1850: *Cheilost.* (type).
- variegatum* Crep., 1825a, 38, t. h. *Larus marinus*; Greifswald.—1825: *Amphist.* 1845: *Holost.*
- variegatum* Rud., 1819a, 99, t. h. *Rana esculenta*; Berlin.—1819: Dist. 1845: D. (*Brachylaimus*). 1847: *Brachylæmus*. 1850: *Brachylemus*. 1899: *Hæmatolœchus* (type). 1902: *Pneumonœces* (type).
- varigatum* Looss, 1892, 93, misprint for *variegatum* (Dist.).
- variolaris* Fuhrmann, 1904, 59, t. h. *Rosthamus sociabilis*; South America.—1904: *Bothriogaster* (type).
- [*variolosus* Gærtner (Dist.), a tunicate.]
- varioplerus* Staff., 1902, 901, t. h. *Rana catesbiana*; Canada.—1902: *Hæmatolœchus*. 1905: *Pneumonœces*.
- varium* Eysenhardt, 1829, 148, t. h. *Gadus merluccius*.—1829: Dist.
- varsoviensis* Ssinitzin, 1905, 36, t. h. frogs; Warschau.—1905: *Gorgodera*. 1906: Cerc.
- vellellæ* Fil., 1843, 66, see Dies., 1850a, 379, t. h. *Velella spirans*; Naples.—1843: Dist. [1850: D. megacotyle.]
- vellellæ* Graff, 1904, 456.—1904: Plan.
- veliporium* Johnston, 1902, 329, misprint for *veliporum* (Dist.).
- veliporum* Crep., 1837a, 310, t. h. *Squalus griseus*.—1837: Dist. 1886: D. (*Cladocœlium*). 1904: *Otodist.* (type).
- venarum* Treutler, 1793, iv, 23, t. h. *Homo*.—1793: *Hexathyridium*. 1803: Fasc. 1803: Polyst. 1828: *Hexathyridium*. 1836: Polyst. (*Hexast.*). 1850: *Hexacotyle*. [*Hexast.*] [1840: *Linguatula*.]
- ventricolum* Rud., 1809a, 334, misprint for *ventricosum* (*Monost.*).
- ventricosa* Rud., 1802, 20, t. h. *Nachtigall*; Greifswald.—1802: *Festucaria*. 1809: *Monost.* (*Monost.*).
- ventricosa* Bosc., 1802a, 257.—1802: *Planaria*.
- ventricosa* Pallas, 1774, 17, host not given; Amboyna.—1774: Fasc. 1853: *Hirudinella*. 1893: Dist.
- ventricosum* Rud., 1819a, 108, t. h. *Clupea alosa*; Arimini.—1819: Dist. 1886: D. (*Apoblema*). 1893: *Apoblema*.
- ventricosum* Stoss., 1898, 29, t. h. *Alausa finta*; Triest.—1898: Dist. [1898: *Apoblema ocreatum* Rud.]
- ventricosum* var. *minor* Shipley, 1900, 540, t. h. *Pimelepterus* sp.; New Britain.—1900: Dist.
- vereticolle lucii* Rud., 1809a, 400, lapsus for *tereticolle lucii* (Dist.).
- vermicularis* Mueller, 1786, 133, in aqua ubi *Lemna* vegetat.—1786: Cerc. 1827: *Dicranophorus*.
- verrilli* Goto, 1899a, 283, t. h. a skate (*Raja*); Cape Cod.—1899: *Acanthocotyle*.

- verrucosum* Mont., 1892, 40, for *verrucosum* (Notocotyle).
- verrucosa* Froelich, 1789, 112, t. h. domesticated geese.—1789: Fasc. 1800: Monost. 1809: Monost. (Monost.). [1839: Notocotylus triserialis.] 1892: Notocotyle. 1905: Catatropis (type).
- verrucosum* Busch, 1851, 100, t. h. *Ophidium barbatum*.—1851: Dist. 1886: D. (Crossodera).
- verrucosum* Mol., 1859, 842, t. h. *Labrax lupus*; Rennes, Padua.—1859: Dist. 1886: D. (Dicrocoelium).
- verrucosum* Poir., 1885, 10, t. h. *Thynnus*.—1885: Dist.
- verrucosum* Lint., 1892, 96, t. h. *Larus californicus*.—1892: Dist.
- verucosa* Odhn. LV, 1902, 63, for *verrucosum* (Notocotyle).
- vesicata* Uličný, 1878, 211, t. h. *Cyclas rivicola*; Mähren.—1878: Cerc. [1894: C. macrocerca.]
- vesiculifera* Dies., 1855a, 389, C. *vesiculosa* Fil., renamed.—1855: Cerc. 1855: C. (Xiphidiocerc.). 1858: C. (Acanthocephala).
- vesiculosa* Dies., 1850a, 295, Cerc. I Baer, renamed; t. h. *Paludina vivipara*; Regiomontii.—1850: Cerc. 1855: C. (Eucerc.). 1858: C. (Acanthocephala).
- vesiculosa* of Fil., 1854a, 12, t. h. *Paludina vivipara*.—1854: Cerc. [1855: C. (Xiphidiocerc.) *vesiculifera*.]
- vespertilionis* Mueller, 1784, 95, t. h. *Vespertilio auritus*.—1784: Fasc. 1803: Dist. [—: Plan.] [1850: D. lima.] 1900: Plagiorchis.
- vespertilionis* Rud., 1819a, 87, t. h. *Vespertilio noctula*; Cat. Ent. Vienn.—1819: Monost.
- vetustum* Staff., 1904, 487, t. h. *Limanda ferruginea*; Woods Hole.—1904: Stenakron (type).
- vezans* Braun, 1901, 947, t. h. *Turdus merula*.—1901: Dist.
- viber* Lint., 1900, 269, t. h. *Spheroides maculatus*.—1900: Dist.
- vicarium* Braun, 1901g, 896, t. h. *Ibis caerulescens*; Brazil.—1901: Stomylotrema.
- vicinus* Odhn., 1902, 24, t. h. Nilkrokodil; Sudan.—1902: Acanthochasmus.
- villoti* Mont., 1888, 194, C. *setifera* Mueller, of Villot, 1879, renamed, in *Scrobicularia tenuis*.—1888: Cerc.
- vinal-edwardsii* Lint., 1901, 416, t. h. *Opsanus tau*, *Orthopristis chrysopterus*; Beaufort, N. C.—1901: Monost.
- viperæ* Linst., 1877, 186, t. h. *Pelias berus*.—1877: Dist. 1895: Agamodist.
- viperæ* Ben., 1870, 26, t. h. *Trachinus vipera*; Belgium.—1870: Gasterost.
- virgula* Fil., 1837, 338, t. h. *Paludina impura*, *Valvata piscinalis*; Ticini, Italy.—1837: Dist. 1850: Cerc. 1855: C. (Eucerc.). 1858: C. (Acanthocephala). [1858: D. maculosum.]
- viridata* Bosc., 1802a, 258.—1802: Plan.
- viridis* Mueller, 1786, 126, in aquis fossarum stagnantibus primo vere.—1786: Cerc. 1815: Furcocerca. 1827: Enchelys.
- viridis* Bosc., 1802a, 256.—1802: Plan.
- viridis* Mueller, 1774, 59, in radicibus fucorum; Greenland.—1774: Fasc.
- vitellatum* Linst., 1875, 189, t. h. *Totanus hypoleucus*.—1875: Dist. 1901: Plagiorchis. 1892: D. (Brachylaimus).
- vitellilobum* Olss., 1876, 14, t. h. *Rana temporaria*.—1876: Dist. 1889: D. (Dicrocoelium). 1902: Gorgoderina. 1906: Gorgodera. 1906: Cerc.
- vitellosum* Lint., 1900, 269, t. h. *Merluccius bilinearis*; Woods Holl.—1900: Dist. [vitreum Sars (Dist.), a tunicate.]
- vitrina* Linst., 1887, 105, t. h. *Zebrina detrita*; Frauenberg b. Sondershausen.—1887: Cerc.
- vitrinæ* Targioni Tozzetti, 1873, 335, in vitrine.—1873: Dist.
- vitta* Duj., 1845a, 418, t. h. *Mus musculus*; Rennes.—1845: Dist. (Brachylaimus).
- vivæ* Ben., 1870, 25, t. h. *Trachinus draco*; Belgium.—1870: Gasterost.
- vivax* Sons., 1892, Oct. 7, 137, t. h. *Cleopatra bulimoides*; Cairo, Egypt.—1892: Cerc.
- viverrini* Poir., 1886, 27, t. h. *Felis viverrinus*.—1886: Dist. 1892: D. (Dicrocoelium). 1896: Opisthorchis.

- viripara* Ben., 1870, 28, t. h. *Mugil chelo*; Belgium.—1870: Dist.
- viriparæ* Linst., 1877, 185, t. h. *Paludina vivipara*.—1877: Monost. 1892: Monostomulum.
- viriparæ fasciatæ* Linst., 1877b, 186, t. h. *Vivipara fasciata*.—1877: Dist.
- viriparum* Ols., 1868, 28, t. h. *Pleuronectes microcephalus*.—1868: Dist. 1886: D. (Echinost.). 1901: *Zoogonus*. 1902: *Zoogonoides* (type).
- rogliani* Baudon, 1881, 145, t. h. *Succinea baudoni*.—1881: *Leucochloridium*.
- voluptarium* Braun, 1901, 945, t. h. *Falco* sp.—1901: *Dicrocoelium*.
- volsens* Nord., 1832, 28, t. h. *Gadus lota*, *Perca cernua*, *P. fluviatilis*, *P. lucioperca*.—1832: Diplost. (type). 1833: Dist. [1898: Hemist. spathaceum.]
- vulgaris* Cerf., 1899a, 375, t. h. *Mustela vulgaris*.—1899: *Squalonchocotyle*.
- vulpina* Abildg., 1790, 63.—1790: Dist. [Hemist. alatum.]
- vulpis* Gmelin, 1790a, 3053, t. h. *Canis vulpes*; Europe.—1790: Fasc. [1809: D. alatum.] [1850: Hemist. alatum.]
- vulpis* Schrank, 1788, 52, t. h. *Canis vulpes*; Germany; *Planaria alata* vel dubia Goetze, 1782a, 176, pl. 14, figs. 11–13, renamed.—1788: *Alaria* (type).
- wachnia* Rud., 1819a, 122, 427, t. h. *Gadus wachnia*.—1819: Dist. 1878: Trematodum.
- watsoni* Conyngham, 1904, Aug. 13, 464; Sept. 17, 663, t. h. *Homo*; in Zola (Nigeria), came from Adamawa, German West Africa.—1904: Amphist. 1905: Cladorchis.
- wedli* Ariola, 1902, 105, t. h. *Thynnus vulgaris*; Naples.—1902: *Didymocystis*.
- wedlii* Cobbold, 1860a, 18, t. h. *Rana esculenta*.—1860: Dist.
- wedlii* Cobbold, 1860a, 43, t. h. *Rhombus lævis*, *M. rhombi lævis* Wedl, renamed.—1860: Monost.
- westermanni* Kerbert, 1881a, July, 529, for *westermanii*.—1881: Dist. 1891: Dist. 1899: *Paragonimus* (type). 1905: *Paragonimus*.
- westermanni* Kerbert, 1878a, 271, t. h. *Kœnigstiger*.—1878: Dist. 1890: *Mesogonimus*. [1899: *Paragonimus* (type).] [1899: *Polysarcus*, type.] 1900: *Paragonimus*.
- westermanni* Leuck., 1889, 404, for *westermanii* Kerbert. 1878.—1889: Dist. 1890: *Mesogonimus*. 1891: Dist. 1898: Dist. (*Mesogonimus*). [1899: *Paragonimus* (type).] 1899: *Polysarcus* (type).
- westrumbii* Cobbold, 1860a, 45, Amphist. *sphærocephalum* Westrumb, renamed; t. h. *Coracina scutata*; Brazil.—1860: Holost.
- winogradoffi* Jaksch, 1897a, 219 for *sibiricum*, t. h. *Homo*.—1889: Dist.
- xanthostoma* var. *compascua* Kowal., 1898, 71, t. h. *Anas querquedula*.—1898: *Opisthorchis*.
- xanthosomum* Crep., 1846a, 138, t. h. *Colymbus septentrionalis*; Germany.—1846: Dist. 1898: *Opisthorchis*. 1902: *Metorchis*.
- zschokkei* Volz, 1899, 231, t. h. *Heterodon platyrhinus*.—1899: Dist. 1903: *Renifer*.
- [For addenda, see p. 385.]

## BIBLIOGRAPHY OF SUPERGENERIC, GENERIC, AND SPECIFIC NAMES USED IN TREMATODA AND OF DISEASES CAUSED BY TREMATODA.

The main portion of this index is made up of an alphabetical list of superspecific names used in connection with *Trematoda*. Under each generic or subgeneric name will be found a list of the species and subspecies which have been placed in the groups in question. The references following the technical names represent the places in literature which bear upon the technical names in question. Names of diseases caused by *Trematoda* are also inserted in this list.

In all cases possible, the type species<sup>a</sup> is mentioned for genera. In connection with the species, the hosts and locality, at least the type locality, are usually given.

(ACANTHOCEPHALA) Dies., 1858d, 253-255 (subg. of *Cerc.*) [not *Acanthocephala* Rud., 1808, worms, order; *Acanthocephali* Burm., 1837, worms, order; *Acanthocephalus* Kœlreuter, 1771, worms, genus; *Acanthocephalos* Gœze, 1782, for *Acanthocephalus*, 1771; *Acanthocephala* Laporte, 1832, hemipteron, genus; *Acanthocephalus* for *Acanthocephala* 1832], *C.* (*Xiphidiocerc.*), 1855, renamed, hence same type.<sup>a</sup>

*armata* (Sieb., 1837) Dies., 1858d, 251-252 (larva of *Dist. endolobum* Duj. [*Opisthioglyphe* 1899, type]) (in *Planorbis corneus*, *Paludina impura*, *Lymnæus stagnalis*).

*brachyura* (Dies., 1850) Dies., 1858d, 257 (in *Planorbis submarginatus*; *Ticini*; *P. nitidus*, *P. vortex*).

*buccini mutabilis* (Fil., 1855) Dies., 1858d, 266 (in *Buccinum* (*Nassa*) *mutabile*; *Genoa*).

*chlorotica* (Dies., 1850) Dies., 1858d, 252-253 (syn. *Cerc.* (*Eucerc.*) *chlorotica* Dies.) (in *Paludina vivipara*).

*gibba* (Fil., 1854) Dies., 1858d, 257 (in *Lymnæus pereger*; *Turin*).

*linearis* (Lespès, 1857) Dies., 1858d, 258 (in *Litorina litorea*).

*macrocerca* (Fil., 1854) Dies., 1858d, 255 (larva of *Dist. cygnoides* Zed.) (in *Cyclas cornea*; *Turin*); 1858e, 334 (syn. of *Dist. cygnoides*; [type of *Gorgodera*, 1899]).

*micracantha* Dies., 1858d, 259-260 (syn. *Cerc. armata* Fil., 1855b) (in *Lymnæus palustris*, *Triton punctatus*).

*microcotyla* (Fil., 1854) Dies., 1858d, 253 (syn. *C. pugnax* La Valette) (in *Paludina achatina*, *Lombardia*; *P. vivipara*) (larva of *Dist. tetracystis* [type of *Cystagora* 1905]); 1858e, 348 (syn. of *Dist. tetracystis*).

*micrura* (Fil., 1857) Dies., 1858d, 258 (in *Paludina vivipara*; *Turin*). See *globiporum* type of *Sphaerost.*

*ornata* (La Valette, 1855) Dies., 1858d, 244, 255-256 (larva of *Dist. clavigerum* Rud. [type of *Pleurogenes*, 1899]) (in *Planorbis corneus*, *Berlin*; *Hydrachna concharum*, *Heidelberg*); 1858e, 338 (syn. of *Dist. clavigerum*).

*pachycerca* Dies., 1858d, 257-258 (syn. *Cerc. brachyura* Lespès) (in *Trochus cinereus*; *Francogalliæ*).

<sup>a</sup> See p. 385, Addenda.

## (ACANTHOCEPHALA)—Continued.

- planorbis carinati* (Fil., 1857) Dies., 1858d, 266 (in *Planorbis carinatus*; Turin).  
*subulo* (Pag., 1857) Dies., 1858d, 256-257 (in *Paludina vivipara*; Heidelberg).  
*trigonocerca* Dies., 1858d, 259 (syn. *Cerc. limacis* Moul.) (in *Limax cinereus*, L. (Arion) rufus; Geneva).  
*triloba* (Fil., 1857) Dies., 1858d, 252 (in *Lymnaeus stagnalis*, *Planorbis carinatus*).  
*vesiculifera* (Dies., 1855) Dies., 1858d, 254-255 (syns. *Cerc. vesiculosa* Fil., C. (Xiphidiocerc.) *vesiculifera* Dies., C. *microcotyla* Fil.) (in *Paludina vivipara*, P. *achatinæ*).  
*vesiculosa* (Dies., 1850) Dies., 1858d, 254 (in *Paludina vivipara*; Regiomontii, Berlin, Heidelberg).  
*virgula* (Fil., 1837) Dies., 1858d, 260 (larva of *Dist. maculosum* Rud.) (in *Valvata piscinalis*, *Paludina impura*).

**ACANTHOCHASMUS** Looss, 1900d, Dec. 3, 603, *Acanthostomum* Looss, 1899 [not *Acanthostoma* Kriechbaumer, 1895, insect] renamed, hence type spiniceps; *χασμάουαι*, den Rachen offen haben; 1901e, 595, 629, 634, 659; 1901f; 1902g; 1902m, 441, 780, 808, 838.—Braun, 1901b, 34, 35, 36; 1902b, 30.—Odh., 1902, 23, 25, 37; 1902, 159.—Pratt, 1902a, 888, 894 (key).

- absconditus* Looss, 1901e, 631-632, fig. 8 (intest. of *Bagrus bayad*, B. *docmac*).  
*coronarius* (Cobbold, 1861) Braun, 1901b, 35, 36.—Odh., 1902, 25 (in alligator).  
*imbutiformis* (Mol., 1859, partim) Looss, 1901e, 632-633, 634, fig. 9 (intest. of *Labrax lupus*, *Dentex vulgaris*; Egyptian coast and Triest).—Odh., 1902, 25.  
*præteritus* Looss, 1901e, 633-634, fig. 10 (first half of intest. of *Labrax lupus*, *Chrysophrys aurata*, *Corvina nigra*; Triest and Egyptian coast).  
*productus* Odh., 1902, 24, 25 (in Nilkrokodil; Sudan).  
*scyphocephalus* (Braun, 1899) Braun, 1901b, 35, fig. 14.—Odh., 1902, 25.  
*spiniceps* (Looss, 1896) Looss, 1901e, May 4, 629-631, fig. 7 (intest. of *Bagrus bayad*, B. *docmac*).—Braun, 1901a, 35, 36.—Odh., 1902, 25.  
*vicinus* Odh., 1902, 24-25 (in Nilkrokodil; Sudan).

**ACANTHOCOTILE** Par. & Perugia, 1890, 11, 13, for *Acanthocotyle*.

**ACANTHOCOTYLE** Mont., 1888a, 7, 10, 11, 13, 16, 20, 30, 34, 35, 36, 37, 42, 43, 52, 55, 56, 57, 58, 59, 60, 66, 67 (*Achantocotyle*), 87 (m. *lobianchi*), 97 (in "subf." *Tristomidae*, key); 1890, 189, 190, 208, figs. 1-5, pl. 8; 1891, 104, 106, 107, 111, 116; 1892, Oct. 7, 180, 213 (g. of *Tristominae*); 1899a, 75-120, pls. 1-3; 1905, 71, 72, 73, 74, 75.—Braun, 1890a, 411, 412, 488, 523, 526, 529 (diagnosis); 1891d, 422; 1893a, 889.—Gamb., 1896a, 73.—Goto, 1899a, 283.—Massa, 1906, 45, 48.—Pratt, 1900a, 646, 649 (key), 655, fig. 10, 659.—Scott, 1902, 300, 301.

1888: *Achantocotyle* Mont., 1888, 67, misprint.

1900: *Acanthocotile* Par. & Perugia, 1890, 11, 13.

1902: *Acanthocotyle* Scott, 1902, 301, for *Acanthocotyle*.

*concinna* Scott, 1902, 301, no host given.

*elegans* Mont., 1890, 191, fig. 3 (on *Raja clavata*; Naples); 1899, 76, 77, 78, 79, 80, 81, 82, 85, 87, 88, 91, 93, 97, 99, 100, 101, 106, 107, 108, 110, 113-115, pl. 1, figs. 7, 8, pl. 2, figs. 13, 17, 19, 23, 25b, 28, 29, 32, pl. 3, figs. 44, 45; 1891, 107; 1899, 108; 1905, 73, 74, 75.—Braun, 1890a, 529, 547, 551.—Scott, 1902, 301.

*lobianchi* Mont., 1888a, 7, 13, 15, 16, 19, 22, 23, 26, 29, 31, 34, 56, 87 (on *Raja clavata*); 1890, 190; 1891, 102, 104 (*lobianchii*), 107, 116, 120, 130, pl. 5, figs. 9-10, pl. 6, figs. 36-39; 1893, 20; 1899, 108.—Braun, 1890a, 529, 547 (Naples), 551.

*lobianchii* Mont., 1891, 104, for *lobianchi*.

*lobianchoi* Goto, 1899a, 285, for *lobianchi*.

*lobiancoi* Mont., 1899, 75 (for *lobianchi*), 76, 77, 78, 80, 81, 83, 84, 85, 87, 89, 91, 94, 97, 100, 101, 106, 107, 108, 111-113, 116, 117, pl. 1, figs. 1, 3, 4, 5, 6, 10, pl. 2, figs. 11, 15, 16, 18, 21, 22, 25, 26, 31, 33, pl. 3, figs. 34-43, 46, 47, 49-58; 1905, 72, 73, 74.—Scott, 1902, 300.

*monticelli* Mont., 1905, 74, for *monticellii*.

*monticellii* Scott, 1902, 300-302, pl. 13, figs. 31-33 (in *Raja clavata*; Aberdeen, Scotland); 1905, 117.—Mont., 1905, 74, 75 (*monticelli*), figs. 4-5.

## ACANTHOCOTYLE—Continued.

- oligoterus* Mont., 1899, 76, 77, 78, 80, 81, 84, 85, 87, 91, 100, 101, 105, 106, 107, 108, 111, 115–117, pl. 1, figs. 2, 9, pl. 2, figs. 12, 14, 20, 24, 25c, 27, 29, pl. 3, figs. 48 (on *Raja clavata*; Naples); 1905, 73, 74, 75 (in *R. punctata*).—Goto, 1899a, 283.—Scott, 1902, 301.
- verrilli* Goto, 1899a, 283–286, pl. 21, figs. 25–26 (on a skate, *Raja*; Cape Cod).—Mont., 1905, 71–75.—Pratt, 1900a, 655, fig. 10, 657, 659 (key).—Scott, 1902, 302.—Staff., 1904, May 3, 482 (on *Raja radiata* Donovan; Canada).
- ACANTHOCOTYLEA Dies., 1850a, 649, subtribe of Monocotylea.
- ACANTHOCOTYLINÆ Mont., 1903, 335 (subf. of Tristomidae).
- ACANTHONCHOCOTYLE Cerf., 1899a, 347, 373, 402, 420, 436, 445, 446, 451, 455 [type by inclusion *appendiculata*].—Mont., 1903, 336 (syn. of Onchocotyle).
- appendiculata* (Kuhn, 1829) Cerf., 1899a, 374, 379, 382, 461–462, pl. 19, figs. 6, 14a (in *Scyllium catulus* Cuv.; Roscoff).—Type of Onchocotyle 1850.
- canicula* Cerf., 1899a, 374, 379, 382, 402, 462, pl. 19, figs. 5, 13, 14b.c. (syn. *Onchocotyle appendiculata* Kuhn of Stoss., 1887) (in *Scyllium canicula*).
- ACANTHOPSOLUS Odhn., 1905, 328–331 (m. *oculatus*).
- oculatus* (Levin., 1881) Odhn., 1905, 328–331, pl. 2, fig. 11 (in *Lycodes pallidus* in East Greenland; *Cottus scorpius*, west coast of Sweden).
- ACANTHOSTOMUM Looss, 1899b, 575, 577–579 (tod. *spiniceps*), 578, [not *Acanthostoma* Kriechbaumer, 1895, insect], ἡ ἀκανθῶτα, spine; 1900d, 603 (renamed *Acanthochasmus*); 1901e, 595.—Braun, 1901b, 34, 56; 1901i, 56.—Stiles, 1901, 189.
- coronarum* (Cobbold, 1861) Looss, 1899b, 578, 582.
- spiniceps* (Looss, 1896) Looss, 1899b, 578, 582.
- ACANTHCOTYLE Scott, 1902, 301, for Acanthocotyle.
- ACCACELIUM Mont., 1893, 135 (contortum); subg. of Dist.—Raised to generic rank by Looss, 1899b, 631–632 (contortum as type); 1902, 839, 504.—Braun, 1901b, 27, 34, 37, 38.—Darr, 1902a, 698.—Luehe, 1900u, 487; 1901n, 481, 482–483, 485.—Odhn., 1905, 363.—Ofenheim, 1900, 183.—Pratt, 1902a, 889, 904 (key).
- 1893: Dist. (*Accacelum*) Mont., 1893, 135, q. v.
- 1894: *Accacelum* Zool. Record (1893) 1894, Vermes, 49.
- calyptrocotyle* (Mont., 1891) [Luehe, 1900u, 487].—To Orophocotyle in 1902.
- contortum* (Rud., 1819) Looss, 1899b, 632.—Darr, 1902a, 698.—Luehe, 1901n, 482, 483, 485.—Staff., 1904, 487 (Canada).
- foliatum* (Lint., 1898) Staff., 1904, 487 (*Mola mola*; Canada).
- macrocotyle* (Dies., 1858) Luehe, 1901n, 482.—Staff., 1904, 487 (*Mola mola*; Canada).
- nigroflavum* (Rud., 1819) Luehe, 1901n, 482, 483.—Looss, 1902, 639.—Staff., 1904, 487 (*Mola mola*; Canada).
- [*pelagiae* (Koelliker, 1849), —, 1900.]
- raynerianum* (Nardo, 1827) Luehe, 1901n, 482, 483, 485.—Par., 1902, 6 (in *Luvarus imperialis*).
- ACCACELUM Zool. Rec. (1893), 1894, Vermes, 49 (for *Accacelum*).
- ACERCÆ Mont., 1888, 94 (group of Cerc. without tail).
- ACHANTOCOTYLE Mont., 1888, 67 (for Acanthocotyle).
- ACOTYLEA Dies., 1850a, 286, 293 (subtribe of Dicranocœla), 287, 304 (tribe of Trematoda).—Brand., 1888a, 12.—Burm., 1856a, 250.—Goldb., 1855, 15, 16.—Mol., 1861, 191.—Mont., 1888, 83, 84; 1891, 111.—Tasch., 1879, 233.
- ACOTYLOCEPHALA Dies., 1858e, 314, 374 (f. of Trematoda plectanophora).—Ben. & Hesse, 1864a, 119 (syn. of Gyrodactylidés).—Mont., 1888, 84.
- ACRODACTYLA Staff., 1904, May 3, 491 (m. *petalosa*) [not *Acrodactyla* Hal., ante 1846, hymenopterum], ἄκρος, end; δάκρυλος, finger.
- petalosa* (Lander, 1902) Staff., 1904, May 3, 491 (m. *Acipenser rubicundus* Le S.; Canada); includes Dist. *auriculatum* Wedl. of Lint.
- ACTINODACTYLELLA Haswell, 1893f, Sept., 153–158, pl. 16, corrigendum (m. *blanchardi*), *Actinodactylus* Haswell, 1893 [not Duchassaing, 1890], renamed; 1894a, 256; (18—), 589–590.—Pratt, 1900a, 646, 648 (key).—St.-Remy, 1898, 522, 531.
- 1893: *Actinodactylus* Haswell, 1893d, 477 [not Duchassaing, 1890] [type *blanchardi*].
- 1899: *Actinodactynella* Mont., 1899, 81, type *haswelli*=*blanchardi*.

## ACTINODACTYLELLA—Continued.

- blanchardi* Haswell, 1893f, 153–158, pl. 16, corrigendum (Engæus fossor; Gippsland, Victoria, Australia).—Pratt, 1900a, 655, fig. 1, 657.—St.-Remy, 1898, 531–532, fig. 2 (on Eng. fos.; Australia) (syn. *Actinodactylus* sp.; Haswell).
- ACTINODACTYLIDÆ** Haswell.—St.-Remy, 1898, 522.
- ACTINODACTYLUS** Haswell, 1893d, 477 [not Duchassaing, 1890]; 1893f, 153–158, corrigendum, pl. 16, renamed *Actinodactylella* Haswell.—Mont., 1899, 116.
- ACTINODACTYNELLA** Mont., 1899, 81, 86, 116, 117, 118, 119, 122 (type *haswelli* Mont., 1898=*blanchardi* Haswell, 1893, see *Actinodactylella*).
- blanchardi* Haswell, 1893, teste Mont., 1899, 122.
- haswelli* Mont. (1898), 1899, 122 (in *Engæus fossor*; Australia, Gippsland, Victoria).
- ACTINODACTYNELLINÆ** Mont., 1899, 118, 121.—Pratt, 1900a, 646, 647 (key) (apparently for *Actinodactylellinæ*, subf. of *Temnocephalidæ*).
- ADENOGASTER** Looss, 1901l, Nov. 7, 620–621 (m. serialis); 1902m, 570, 583, 591, 601, 603, 609, 612, 615.—Pratt, 1902a, 890, 909 (key).
- serialis* Looss, 1901l, 620–621; 1902m, 545–548, pl. 26, figs. 71–74, 615, 875, pl. 26, figs. 71–74 (in *Thalassochelys corticata*; Alexandria, from Egyptian coast).
- AGAMODISTOMA** Rail., 1893a, 376 (for *Agamodistomum*, q. v.).
- AGAMODISTOMUM** Stoss., 1892, 4, 33–34 [collective group for immature forms, requires no type<sup>a</sup>]; 1895, 33; 1895, 228–229; 1898, 58.—Mont., 1893, 154.—Stiles, 1898a, 28; 1904, 8, 11, 12, 13.—Stiles & Hass., 1898a, 82, 96; 1899, 117; 1900a, 559; 1902f, 360.
- 1892: *Distomulum* Brand., 1892b, Oct. 7, 510.
- 1893: *Agamodistoma* Rail., 1893a, 376.
- anguis* (Linst., 1885) Stoss., 1895, 229 (in *Anguis fragilis*).
- capsulare* (Dies., 1858) Stoss., 1892, 176 (in *Ardea cinerea*, *A. purpurea*, *Crex pratensis*, *Nycticorax griseus*, *Podiceps auratus*, *P. nigricollis*).
- chimæra* Ariola, 1899a, 8–10, pl. 5, fig. 7 (in *Chimæra monstrosa*; Genova, Italy); (1899) v. 10 (in 129–138); (—), 299.
- cælebs* (Linst., 1875) Stoss., 1892, 176 (in *Fringilla cælebs*; Ratzeburg).
- gobii* Stoss., 1898, 58–59 (encysted in *Gobius jozo*; Triest).
- martiranoi* Stiles, 1903aa, 15 (in *Anopheles claviger*), based on Martirano, 1901d, 849–852, figs. 1–4 [see also Mart., 1901b, 1089–1091, figs. 1–4; 1901c, 274; 1902a, 73; 1902b, 358].
- ophthalmobium* (Dies., 1850) Stoss., 1892, 33 (in *Homo*).—Stiles, 1902s, 24, 29–34; 1903u, 223 (ophthalmothium); 1905cc, 54.—Ward, 1903, 866.
- ophthalmothium* Luehe in Stiles, 1903u, 223, for *ophthalmobium*.
- pusillum* (Braun, 1790) Stoss., 1892, 33 (in *Erinaceus europæus*; Greifswald; Rennes).
- putorii* (Mol., 1858) Stoss., 1892, 34 (in *Putorius communis*; Padova, Ratzeburg).
- suis* Stiles, 1898a, 22, 28, 29, 143, fig. 1 (in *Sus scrofa domestica*; Germany); *Dist. musculorum suis* Duncker, 1896, 279, renamed.—Kastenbaum, 1899, (214), fig. 33, 4.—[See also Braun, 1893a, 870.—Duncker, 1881, 23–25; 1881, 141; 1881, 154; 1884, 39–42; 1896, 279–282.—Leuck., 1881, 46.—Moulé, 1885, 60–62.—Schndmhl., 1896, 302.—Stiles & Hass., 1900a, 559–560, fig. 23; 1902f, 360; 1904, 22.]
- valdeinflatum* (Stoss., 1883) Stoss., 1898, 59 (in *Gobius jozo*; Triest): “Rappresenta la larva dell’ *Echinostoma cesticillus* Molin.”—Barbagallo & Drago, 1903, 411 (in G. j.; Cantania).
- viperæ* (Linst., 1877) Stoss., 1895, 228 (in *Pelias berus*).
- “**ALAIRE**”<sup>b</sup> Blainv., 1824a, 518,<sup>b</sup> see “*Alaria* Blainv.” of Dies., 1850a.—Leblond, 1837a, 518, 59, pl. 14, fig. 15 (teste Dies., 1850a, 374).
- “**ALARIA** Blainv.” of Dies., 1850a, 331 (for “*alaire*” [q. v.] Blainv., 1824a, 518, see Duj., 1845a, 437). See also *Alaria* Schrank.

<sup>a</sup> See p. 385.<sup>b</sup> “Je propose de rétablir ce genre pour quelques espèces de fascioles cylindriques, avec une assez longue queue, et qui ont des espèces d’ailes de chaque côté du corps; j’en ai décrit une trouvée dans le pancréas du *Simia maimon* de Linné, à l’art. ‘fasciole’ du Dictionn. des sciences nat.”

This name being French, has no status in nomenclature.



**ALARIA** Schrank, 1788, 52 (m. *vulpis*) [not *Alaria* Dunc., 1841, lepidopteron: Morr. Lyc., 1850, mollusk].—Abildg., 1790, 63 (syn. of *Dist. vulpina*).—Brand., 1888a, 8.—Braun, 1893a, 884, 894, 902.—Dies., 1850a, 307 (syn. of *Hemist.*).—Encycl. méth., Par., v. 2, 20.—Knoch, 1862, 30.—Lamouroux, 1822a, 194. See also genera for which *alata* Goeze is type.

*vulpis* Schrank, 1788, 52 (*Planaria alata* vel *dubia* Goeze, 1782a, 176–177, pl. 14, figs. 11–13, from *Canis vulpes*, renamed).—Brand., 1888a, 60 (syn. of *Hemist. alatum*).—Dies., 1850a, 308 (syn. of *Hemist. alatum*; includes also *alata* Goeze as syn.).—Lamouroux, 1822a, 194.—Rud., 1809a, 402 (syn. of *Dist. alatum* Zed.).

**ALLEGREADIINÆ** Engler, 1904, 188, for *Allocreadiinæ*.

**ALLOCREADIIDÆ** Stoss., 1904, 199.

**ALLOCREADIINÆ** Looss, 1902m, 841.—Odh., 1905, 323, 326, 328.—Stoss., 1902, 578; 1903, 373.

**ALLOCREADIUM** Looss, 1900d, Dec. 3, 602 (*Creadium* Looss, 1899 [not *Creadium* and *Creadion* Vieill., 1816, bird], renamed, hence type isoporum; *ἄλλος*, another; 1901b, 199; 1902m, 760, 785, 839.—Braun, 1902b, 26, 147, 148.—Odh., 1901, 483–520; 1905, 328.—Pratt, 1902a, 888, 897 (key).—Stoss., 1901, 95 (7); 1902, 578; 1903, 373; 1904, 199.

*album* (Stoss., 1890) Stoss., 1901, 95 (7); 1904, 199 (type of *Lepocreadium*).

*angusticollis* (Hausmann, 1896) Odh., 1901, 517.—Stoss., 1901, 96 (8).

*asymphyloporum* Stoss., 1901, 96 (in *Trutta trutta*; Lake Plitvica, Croatia).

*atomon* (Rud., 1802) Odh., 1901, 506–513, 516, pl. 33, figs. 9, 10; 1905, 320 (type of *Podocotyle*).—Stoss., 1902, 582.

*commune* (Olss., 1876) Odh., 1901, 499–503, 508, 516, 517, pl. 33, fig. 6; 1905, 327.—Stoss., 1902, 582.

*fasciatum* (Rud., 1819) Odh., 1901, 485–490, 492, 496, 516, pl. 33, fig. 1; 1902, 160. *genu* (Rud., 1819) Odh., 1901, 485, 496–499, 500, 501, 502, 517, pl. 33, figs. 3–5; 1905, 327.

*isoporum* (Looss, 1894) Looss, [1900d, 602;] 1902m, 785.—Kowal., 1902d, 27 (9).—Odh., 1901, 505, 506, 516; 1905, 327.—Staff., 1904, May 3, 493 (in *Semotilus bullaris* Raf.; Canada).—Stoss., 1901, 93, 96 (in *Gobius fluviatilis*; Loitsch in Carniola).

*labracis* (Duj., 1845) Odh., 1901, 514–516, pl. 33, fig. 11; 1905, 327.

*labri* (Stoss., 1886) Odh., 1901, 490, 493–496, 516, pl. 33, fig. 2; 1902, 160.

*obovatum* (Mol., 1859) Stoss., 1901, 95–96 (7–8) (in *Chrysophrys aurata*; Trieste).

*pegorchis* Stoss., 1901, 94–95 (6–7), pl. 6, fig. 4 (*Mæna smaridis*; Trieste); 1904, 199.

*sinuatum* (Rud., 1819) Odh., 1901, 490–492, 516; 1902, 160.

*transversale* (Rud., 1802) Odh., 1901, 505–506, 516; 1905, 327.

*tumidulum* (Rud., 1819) Odh., 1901, 503–505, 516, pl. 33, figs. 7–8.

*umbrinæ* (Stoss., 1885) Odh., 1905, 327.

**AMFISTOMIDI** Sons., 1895, see *Amphistomidæ*.

**AMPHIBDELLA** Chatin, 1874a, 11–16 (m. *torpedinis*); 1875, —.—Braun, 1890a, 412, 417, 444, 468, 484, 512, 519, 523, 542, 545 (diagnosis; m. *torpedinis*).—Maclaren, 1904, 583, 598, 599, 600.—Mont., 1889, 116; 1903, 336 (syn. of *Tetraonchus*).—Pratt, 1900a, 646, 654 (key), 657, fig. 47.—St.-Remy, 1898, 524.—Stoss., 1898, 17.

*torpedinis* Chatin, 1874a, 11–16, pl. 2 (IX), figs. 13–14 (in *Torpedo marmorata*; Mediterranean).—Brand., 1894a, 307.—Braun, 1890a, 418, 426, 444, 452, 545, 549, 552 (Genoa; Trieste).—Maclaren, 1904, 587.—Mont., 1888, 93, 110; 1889, 116 (belongs to *Gyrodactylidæ*, *Tetraonchus*); 1890, 193–195 (on *Torpedo narce*, T. mar.); 1905, 79.—Par., 1894, 138, 578.—Par. & Perugia, 1890, 8; 1890, 363–367; 1890, Sept. 5, 335–336.—Pratt, 1900a, 657, fig. 47.—Stoss., 1898, 17–18 (on T. mar.; Trieste).

**AMPHIBDELLIDÆ** Carus, 1885a, 121 (contains *Amphibdella* Chatin).—Mont., 1888, 93; 1889, 116 (4) (belongs to *Gyrodactylidæ*).

**AMPHIBOTHRUM** Frey & Leuck., 1847, 147 (m. *krøyeri*)=*Amphibothrium* Leuck., 1847, see Braun, 1889a, 343).—Ben., 1858a, 1861a, 12.—Braun, 1890a, 518 (syn. of *Udonella*, 1855).—Dies., 1850a, 427 (syn. of *Udonella* Johnston).

*krøyeri* Leuck., 1847, 147–148, pl. 2, fig. 2 (on *Caligus* sp. parasitic on *Gadus*).

**AMPHIBOTHRIMUM—Continued.**

*kroyeri* Dies., 1850a, 427 for *kroeyeri* (syn. of *Udonella caligorum* Johnston) (in *Caligorum corporis superficie*, frequens, in *Caligo hippoglossi vulgaris*, April (Johnston); *C. trigla* Gurnardi, June (Hyndman); *C. curto* (Kroyer).—Ben., 1858a, 1861a, 13 (syn. of *Ud. cal.* Johnston).—Tasch., 1878, 573 (syn. of *U. cal.* F. & L.).

**AMPHIOSTOMA Rud., 1819a, 88 for Amphistoma.**

**AMPHIOSTOMA** *ab* Rud., 1801a, 50–51, 54 (Strigea Abildg., 1790, renamed, hence type strigis=macrocephalum); 1802b, 92–93; 1809a, 5, 21, 37, 340, pl. 5, figs. 4–7 [a, capite discreto, 6 species in birds; b, capite continuo, 3 species in birds, amphibia, and mammals]; 1819a, 87, 351–352, 589.—Baillet, 1866b, 99, 105–106.—Bellingham, 1844a, 338.—Ben. & Hesse, 1864, 61.—Blainv., 1828a, 582–583.—E. Bl., 1847a, 309–310.—R. Bl., 1886m, 841; 1888a, 543, 632, 636; 1895, 730.—Brand., 1888a, 9, 10, 13; 1891d, 12, 20.—Braun, 1883a, 69, 70; 1889i, 437; 1890a, 514, 515; 1892a, 568, 635, 650, 667, 681, 696, 698, 699, 707, 709, 710, 715, 720, 722, 738; 1892f, 49, 50, 51; 1893a, 851, 852, 872, 879, 880, 883, 884, 886, 890, 892, 893, 895, 902, 903, 904, 905, 906, 918; 1893f, 383; 1894a, 1147; 1895b, 134, 136, 137; 1898a, 1583; 1901b, 20, 55, 56 (sp. Bellingham).—Bremsen, 1824, 132–133.—Burckhardt, 1891a, 63.—Burn., 1837a, 530; 1856a, 250.—Carus, 1863, 479.—Cobbold, 1875n, Nov., 817–821.—Cohn, 1903, in 35–42.—Crep., 1825a, 35–38; 1837a, 309, 313; 1839a, 286; 1847c, 30–35, pl. 2, figs. 1–5 (2 sp. in Zebu).—Cuv., 1817, 41.—Dav., 1877a, lxxx.—Deslongchamps, 1824c, 53–57.—Dies., 1836d, 238–246 (monograph); 1839a; 1850a, 288, 307 (sub Hemist.), 312 (sub Holost.), 317 (sub Codonocephalus), 318 (sub Diplodiscus), 319 (sub Monost.), 400–407, 573 (sub Tetrabothriorhynchus); 1858e, 312, 322 (of Bellingham, 1844a, 339) (syn. of Holost. falconum), 357–358.—Duj., 1845a, 327–331.—Eichwald, 1829a, 248.—Fil., 1837a, 334, 336.—Fischer, 1840a, 156.—Fischder., 1901a, 367–375 (revision with several new genera); 1902a, 6, 7, 10 (Strigea) (see Paramphist., nomenclature; syn. of Paramphist.); 1903h, 487, (Strigea Abildg., renamed), 488, 489, 490 (type strigis=macrocephalum) (of mammals, revision).—Gamble, 1896a, 73.—Goldb., 1855a, 17.—Goubaux, 1863a, 882–884.—Gurlt, 1831a, 369.—Hahn & Lefevre, 1884, 806.—L'Herminier, 1826, 10.—Hoyle, 1890, 535, 539.—Jackson, 1888, 642, 644, 654.—Joy, 1835a, 504.—Kath., 1894a, 130.—Kholodk., 1898a, 33; 1899a, 153.—Kitt, 1885a, 148.—Lamarck, 1816b, 187–188.—Lamouroux, 1822a, 297.—Leblond, 1836f, 4.—Lejtenyi, 1881a, 3, 9, 11.—Leuck., 1863, 451, 459, 462, 463, 524.—Looss, 1892a, 126; 1894a, 10, 20, 178, 249; 1896b, 173–177; 1901, 622; 1902m, 430, 438, 439, 638, 676, 746, 780 (Paramphist.).—Moniez, 1896, 87.—Mont., 1888a, 7, 12, 30, 46, 47, 52, 56, 63, 64, 71, 83 (Amphist.), 84, 90, 91, 103; 1892, 38; 1892, Oct. 7, 196, 197, 214; 1892, 700, 710; 1893, 27, 108, 208.—Moul., 1856a, 11, 12, 15.—Neumann, 1892, 345.—Nitzsch, 1819, 398–401.—Nord., 1840, 544, 614, 625–627, 628–629.—Olfers, 1816, 22, 47.—Otto, 1896, 78 pp., 30 figs.; 1896, 85–141, 275–296, figs. 1–30 (anat., histology).—Pag., 1857, 52.—Poir., 1883, 79.—Pratt, 1900a, 645.—Rafinesque, 1815, 151 (genus of Filaridia).—Rail., 1892, July 15, 633–634 (of domestic animals in Tonkin); 1893, April 15, 245–246; 1893a, 376 (Strigea).—Rousseau, 1833–34, 149–150.—Schndmhl., 1896, 295, 303.—Schneider, 1866, 334.—Shipley, 1905, 7 (syn. of Strigea), 8 (type Holost. macrocephalum).—Shipley & Hornell, 1904, 80.—Sons., 1895, 181, 183, 184, 185, 186.—Stiles, 1898a, 24, 64.—Tasch., 1879, 232, 233, 256.—Vaullegard, 1899, 53.—Vogt, 1878, 9, 10.—Wallenstedt, 1847, 7.—Ward, 1895, 256, 338 (sp. Cobb. in stomach of *Equus caballus*).—Westrumb, 1821, 46; 1823, 390–398, pl. 5, figs. 1–2.

1803: *Amphystoma* Rud., 1803a, 29 (misprint).

1819: *Amphistomum* Nitzsch, 1819, 397–401 (emendation).—Crep., 1825, 35; 1837, 309, 313.

1819: *Amphistoma* Rud., 1819a, 88 (misprint).

1822: *Amphistome* Lamouroux, 1822a, 297 (French word or misprint).

<sup>a</sup> Rud. deliberately renamed a previously validly named genus, namely *Strigea* Abildgaard, 1790, referring clearly to this fact both in 1801a, 50–51, and 1802b, 92. He makes but one combination (*Amphist. subclavatum*), but since *Amphist.* is clearly a new name proposed for an older one (*Strigea*), which Rud. changed on the alleged ground that it was inappropriate, *Amphist.* should be suppressed in favor of *Strigea* and take the same species as type.

<sup>b</sup> Since 1816 written almost indiscriminately *Amphistoma* or *Amphistomum*.

## AMPHISTOMA—Continued.

- 1888: Amphistomun Mont., 1888, 83 (misprint).  
*anatis* Rud., 1819a, 793, for *anatis querquedula* 1819a, 92.  
*anatis querquedula* Rud., 1819a, 92 (in *Anas querquedula*; C. E. V.).—Dies., 1836d, 253.—Westrumb, 1823, 398.  
*anatis tadornæ* (Viborg, 1795) Rud., 1809a, 352; 1814a, 100 (= *A. isostomum*).—Dies., 1850a, 313 (syn. of *Holost. erraticum* Duj.).  
*asperum* Dies., 1838a, 189 (in *Tapirus americanus*); 1839a, 236, pl. 20, figs. 14–16 (in *Tap. amer.*; South America [Matogrosso and Cachoeira do Bananeira]); 1850a, 402.—Braun, 1892a, 580; 1893a, 894, 905; 1893d, 466.—Cobbold, 1875n, 819; 1879b, 402.—Duj., 1845a, 334.—Fischder., 1902a, 39 (syn. of *Cladorchis asper*).—Nord., 1840, 629.—Sons., 1895, 184.  
*attenuatum* Dies., 1836d, 238, 252, pl. 24, figs. 9–12 (in *Salmo paccu*; Caiçara); 1850a, 406–407 (in *Miletes bidens*; Brazil).—Cobbold, 1860a, 54 (in *M. bidens*; Brazil).—Duj., 1845a, 341 (in *Salmo paccu*; Brazil).—MacCallum, 1905, 668, 677 (in *Salmo*).—Nord., 1840, 629.  
*bothriophoron* Braun, 1892f, 49, 50, 51 (in *Bos indicus*; Madagascar); 1893a, 738; 1893b, 185; 1893f, 383; 1901b, 20.—Fischder., 1903h, 538 (to *Paramphist.*).—Otto, R., 1896, 101–103, fig. 5.—Sons., 1895, 184.—Spengel, 1892.  
*bothriophoron* Stiles, 1898a, 24, 67, fig. 56 (read *bothriophoron*).  
*brachycephalum* Cohn, 1903, 39 (host not given) (? lapsus).  
*cervi* (Schrank, 1790) Stiles, 1898a, 24, 64, 65, 66, 67, 139, 140, 141, 142, figs. 49–55 (*Bos taurus*).—Fischder., 1901a, 368 (type of *Paramphist.*).—Stiles & Hass., 1900a, 611, fig. 29; 1902f, 360; 1904c, 22.  
*chelonix imbricatæ* Dies., 1858e, 358 (based on Bellingham, 1844a, 340, in *Chelonix imbricata*; Ireland).—Braun, M., 1893a, 905.  
*chordale* Burckhardt, 1891a, 21 Apr., 62–64 (*Protopterus annectens*); 1892a, 344–345 (a *Tetracotyle*, *Holostomidae*, teste Brandes).  
*clavatum* Steenstrup, 1842, 59 (in *Rana temporaria*); 1842, 109–110 [for *subclavatum*?].—Sieb., 1843, lx.  
*clavigerum* Zed., 1803a, 199 (*Feet. strigis* Schrank, 1788, renamed) (in *Strix*).—Rud., 1809a, 341 (syn. of *A. macrocephalum*).  
*collinsi* Sons., 1895, 182 (for *collinsii*), 187 to (*Pseudodiscus*).—Fischder., 1902a, 48 (in *Equus caballus*; India).  
*collinsii* Cobbold, 1875f, 741 (in *Equus caballus*); 1875n, 818, 819; 1879b, 357, 398; 1883x, 515.—Fischder., 1903h, 489 (to *Pseudodiscus* by Sons.).—Huber, 1896a, 580 (India).—Sons., 1895, 182, fig. 2.—Theobald, 1900, 51.  
*collinsii* var. *stanleyi* Cobbold, 1879b, 357 for *stanleyi* 1875 (in *Equus*).—Fischder., 1902a, 48.—Piana & Stazzi, 1900, 519 [= *A. hawkesi* Cobbold].—Sons., 1895, 182.  
*conicum* (Zed., 1803) Rud., 1809a, 349–352 (*Bos taurus*, Greifswald; *Cervus elaphus*), 356; 1819a, 91 (*Ovis aries*, *Cervus dama*), 360, 577, 589, 793.—Anacker, 1892c, 94.—Baillet, 1866b, 90, 106.—Bénion, 1874a, 628.—Bettendorf, 1897a, 7, 38; 1897, 311, 342.—E. Bl., 1847a, 310–316.—R. Bl., 1886, 295; 1888a, 584, 585.—Blumberg, 1871a, 40 pp., 1 pl. (anat.); —, 496–499; 1872, v. 33, 190–191; —, v. 8, 454.—Brand., 1891d, 7, 12, 13, 14, 15, 18, 20; 1898a, 222 (30).—Braun, 1892, 49, 50; 1892a, 576, 584, 587, 589, 591, 593, 595, 596, 597, 601, 603, 607, 608, 609, 613, 614, 615, 621, 622, 628, 632, 638, 640, 641, 642, 645, 646, 648, 654, 660, 661, 662, 664, 666, 667, 669, 671, 675, 676, 677, 681, 682, 683, 685, 688, 692, 693, 695, 703, 705, 711, 712, 713, 717, 718, 719, 724, 729, 730, 731, 733, 738, 739, 748, 762, 766; 1893a, 874, 879, 881, 905; 1893b, 186; 1893d, 466.—Cobb, 1891b, 614–615, 1 fig.—Cobbold, 1858b, 159; 1859, 51; 1875n, 818; 1879b, 331; 1884g, 976.—Conyngham, 1904, Sept. 17, 663.—Crep., 1837a, 311, 313, 315, 317, 321, 322, 323, 327; 1839a, 286; 1841, 80; 1847, 30.—Darr, 1902, 688.—Daubenton, —, 250, pl. 16, fig. 3 (*Bos taurus*).—Dav., 1877a, lxxx, 234, 235.—Dies., 1835, 246; 1836d, 238, 239, 240, 243, 244, 245, 246–248, pl. 23, figs. 1–4 (*Bos taurus* dom., *Ovis aries*, *Cervus elaphus*, *Cervus capreolus*, *Cervus dama*, *Cervus campestris*, *Cervus dichotomus*, *Cervus nambi*, *Cervus rufus*, and *Cervus simplicicornis*; Brazil); 1850a, 401 (in *Bos taurus indicus*, Berlin; *B. urus*, Vilna; *Capra hircus* var.; *Antilope dorcas*, Berlin; *Cervus capreolus*; *C. alces*) (syns.: *Fasc. hepatica* Mueller; *F. cervi* Schrank; *F. elaphi* Gmelin; *Festuc. cervi* Zed., *Monost. conicum* Zed.); 1850a, 401.—Duj., 1845a, 331, 332–333.—Eichw., 1829a, 248.—Falk, —, 6–7.—Fischer,

## AMPHISTOMA—Continued.

- 1840, 157; 1883a, 20.—Fischder., 1901, 368, 375; 1902a, 11 (syn. of *Paramphist. cervi*), 13 (syn. of *P. liorchis*), 41, 50 (syn. of *Balanorchis anastrophus*); 1903h, 485 (in *Bos taurus*; Koenigsberg i. Pr.), 504–505 (syn. of *P. cervi*), 506, 508 (of Dies.), 1835, 247, in *Cervus dichotomus* in Brazil as syn. of *Bal. anast.*), 508 (of Dies.), 1835, 247, in *Cervus simplicicornis*, *C. campestris*, *C. mexicanus*, *C. rufus*, *C. dichotomus*, *C. namby* in Brazil as syn. of *P. liorchis*), 509 (of Gurlt, 1831, 369 in *Bos taurus indicus* as syn. of *P. dicranocœlium*), 515 (of Dies.), 1835, 247, in South American *Cervus simplicicornis*, *campestris*, *mexicanus*, *rufus*, *dichotomus*, *namby*, as syn. of *P. liorchis*), 528 (in *B. tau. ind.*, as syn. of *P. dicranocœlium*), 535 (in *Antelope dorcas* as syn. of *P. microbothrium*), 584 (syn. of *Gastrothylax mancupatus*); 1904, 459.—Giard & Billet, 1892a, 615.—Giebel, 1857, 266.—Gronkowski, 1902a, 511, 514, 515, 517–518, 519, 520, 523, 529–531, 532, 533, fig. A (4, 7, 8, 10–11, 12, 13, 16, 22–24, 25, 26, pl. 13, figs. 2, 6, 7).—Gurlt, 1831, 156, 369–370, pl. 8, figs. 25–28.—Janson, 1893c, 261; 1897a, 103.—Kastenbaum, 1899 (244), fig. 33, 6.—Kath., 1894a, 131, 143.—Kerbert, 1881a, 548, 551.—Kitt, 1885a, 148.—Lamarck, 1816b, 189.—Lamouroux, 1822a, 297.—Laurer, J. F., 1830a, 20 pp., 1 pl.; 1830, 3, 4, figs. 1–14.—Lejtenyi, 1881a, 3, 5, 6, 7, 8, 11, 16, 18, 20.—R. Leuck., 1863, 479, fig. 157; 1876, 869.—Linst., 1883, 310.—Looss, 1885b, 6, 17; 1894a, 124, 142, 146, 206, 237; 1894d, 17, 22, 24; 1896b, 5, 23, 31, 32–33, 170, 173, 176, 178, 185–191, pl. 12, figs. 125–134 (syn. *Fest. cervi*) (in *Physa alexandrina*; *P. micropleura*; buffles; Egypt); 1898a, 459; 1902m, 438, 444 (*Cerc. pigmentata* Sons.), 638.—Macé, 1882, 9, 30, 80, 81, 85.—Mégnin, 1882, 456.—Mingazzini, 1899a, 10 pp., figs. 1–5.—Miram, 1840, 157.—Moul., 1856a, 18.—Mueh., 1898, 20.—Neumann, 1888, 336, fig. 124; 1892, 353, fig. 140; 1892, 363, fig. 140.—Nitzsch, 1819, 398 (syn. *Monost. conicum* Zed.).—Nord., 1832a, 38, 92, 93, 97; 1840, 547; 1840, 627 (syns. *Fasc. elaphi* Gmelin; *Monost. conicum* Zed.).—Olfers, 1816, 47.—Ostertag, 1899, 412.—Otto, 1896, 97–101, fig. 4, figs. 10, 13.—Poir., 1885, 1, 3, 101, 102.—Rail., 1886, 301, fig. 195; 1890, 143; 1892, 633; 1893a, 376–377 (synonymy), fig. 249.—Rail. & Gomy, 1899, 348, 349.—Rubridge, 1892, 61.—Schmalz, 1831, 24.—Schneider, 1866, pl. 28, fig. 4.—Siebold, 1835, 56, 57, 58, 59, 62, 65.—Slawikowski, 1819, 52.—Sons., 1895, 181, 184, 185; 1896, 314; 1897, 252.—Staff., 1905, April 11, 693 (syn. of *Paramphist. cervi* Zed.).—Stiles, 1898a, 64.—Tasch., 1878, 176.—Trollip, 1893, 6 (22), 2. Nov., 424–425 (in ox).—Verrill, 1870, 176, 177, 220.—Veterinarius, v. 21, 328.—Villot, 1878, 16.—Volz, 1899, 232.—Ward, 1895, 256 (syns. *Fest. cervi* Zed.; *Fasc. elaphi* Gmelin; *Monost. conicum* Zed.); 1895, 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*).—Westrumb, 1823, 396, 397.—Zeit. f. Fleisch-u. Milchhyg., July, 1894, 200.—Ziegler, 1883, 546.—Zuern, 1882, 220, 221, pl. 4, fig. 10.—Also reported for *Capreolus caprea*, *Cariacus paludosus*.
- cornu** (Zed., 1800) Rud., 1809a, 346–347 (*Ardea cinerea*; Europe); 1819a, 85, 345, 793 (to *Monost.*).—Brand., 1888a, 10.—Dies., 1850a, 327 (to *Monost.*).—Duj., 1845a, 349 (to *Monost.*).—Lamarck, 1816b, 189.—Nord., 1840, 626–627.—Olfers, 1816, 48.
- cornu** (Nitzsch, 1819) Rud., 1819a, 89–90, 357, 793 (*Ardea cinerea*, *A. garzetta*; Europe) [nec (Zed., 1800) Rud., 1809].—Baird, 1853a, 47.—Bellingham, 1844, 339.—Dies., 1850a, 315 (to *Holost.*); 1858e, 321.—Stoss., 1898, 22 (to *Holost.*).—Westrumb, 1823, 394–395.
- cornu** Dies., 1839a, 235, pl. 20, figs. 12–13 (*Dorcas n. sp.* = *Cataphractus vacu* Natt. Cat.; Forte do Rio Branco, Brazil) [nec (Zed., 1800) Rud., 1809a; nec (Nitzsch 1819) Rud., 1819]; 1850a, 402.—Braun, 1893a, 905.—Cobbold, 1860a, 53 (re-named *nattereri*).—Duj., 1845a, 340.—MacCallum, 1905, 668.
- cornutum** Rud., 1808a, xxv, pl. 4, figs. 4–7; 1809a, 343–344 (in *Charadrius pluvialis*, intestine; Greifswald); 1819a, 90, 589, 793.—Dies., 1850a, 317 (to *Holost.*).—Duj., 1845a, 372 (to *Holost.*).—Lamarck, 1816, 188.—Lamouroux, 1822a, 297.—Nord., 1840, 626.—Olfers, 1816, 47.—Risso, 1826, 262.—Westrumb, 1823, 395.
- rumeniferum** Crep., 1847, 30–34, pl. 2, figs. 1–5 (in *Bos taurus indicus*, rumen).—Baillet, 1866b, 106.—Brand., 1891d, 17; 1898a, 196, 216 (4, 24).—Braun, 1892a, 576, 738, 739; 1892, 49, 51.—Cobbold, 1875m, 819; 1879b, 332.—Dav., 1877a., lxxx.—Dies., 1850a, 402–403.—Fischder., 1902a, 27 (to *Gastrothylax*); 1903h, 488, 557 (type of *Gastrothylax*), 558, 559, 575; 1904, 459.—Giard & Billet, 1892a, 615.—Neumann, 1892, 363.—Poir., 1883, 76 (to *Gastrothylax*).—Sons., 1895, 185; 1896, 298.—Stiles, 1898a, 67.—Verrill, 1870, 177, 220.—Ward, 1895, 332 (in *Bos taurus*).

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- crumigerum* Fischder., 1903h, 563 (syn. of *Gastrothylax compressus* Brand.).
- cylindricum* Dies., 1836d, 249, pl. 23, figs. 13–15 (in *Cataphractus murica*; at Villa Maria, Brazil); 1850a, 405 (in *Doras murica*; Brazil).—Braun, 1893a, 905.—Duj., 1845a, 340.—MacCallum, 1905, 668, 672, 673 (in *Callichthys*).—Nord., 1840, 628.
- denticulatum* Rud., 1819a, 90, 358 (in *Alcedo ispida*; Mus. Vien.), 793.—Dies., 1850a, 311 (to Hemist.).—Duj., 1845a, 372 (to Holost.).—Lamoureux, 1822a, 297.—Villot, 1898, 538.—Westrumb, 1823, 395–396.
- dolichocotyle* Cohn, 1903, May 30, 37–39, fig. 3 (in *Herpetodryas fuscus*); 1904, 242.—Type of *Catadiscus*, 1904.
- elongatum* (Poir., 1883) Fischder., 1903h, 577 (to *Gastrothylax*) (in *Anoa depressicornis*; Berlin Zool. Garden).
- emarginatum* Dies., 1839a, 237 (in *Callithrix noctivaga*; at Matogrosso, Brazil); 1850a, 407 (in *Cebus trivirgatus*), ex Dies., 1839.—Braun, 1893a, 905; 1901e, 311.—Cobbold, 1879b, 289.—Duj., 1845a, 331 (ex Dies., 1839).—Fischder., 1902a, 49 (in *Nictipithecus trivirgatus*; Brazil).—Nord., 1840, 629.
- emberizæ citrinellæ* Dies., 1836d, 253.
- erraticum* Rud., 1808a, 458 (nomen nudum); 1809a, 344–345 (in *Larus septentrionalis*; Greifswald, Europe); 1819a, 89 (in *Scolopax gallinago*, Greifswald; *Colymbus arcticus*, *Scolopax rusticola*), 356, 793.—Baird, 1853a, 47 (to Holost.).—Crep., 1839, 288.—Dies., 1850a, 313 (to Holost.).—Duj., 1845a, 373 (to Holost.).—Erc., 1881e, 86 (eggs); 1882a, 322.—Lamarck, 1816b, 189.—Lamoureux, 1822a, 297.—Nord., 1840, 626.—Olfers, 1816, 47.—Westrumb, 1823, 393–394.
- excavatum* (Rud., 1803) Nitzsch, 1819, 399 (to Holost.).
- explanatum* Crep., 1847, 34–35 (in *Bos taurus indicus*, liver and gall bladder; Berlin).—Baillet, 1866b, 106.—Braun, 1892a, 738; 1893a, 875, 905; 1893d, 467 (in *Bos taurus indicus*).—Cobbold, 1875n, 819; 1879b, 332.—Dav., 1877a, lxxx.—Dies., 1850a, 404–405 (Berlin).—Fischder., 1902a, 34 (in *Bos taurus ind.*; Calcutta); 1904, 454, 459.—Giard, & Billet 1892a, 615.—Gomy, 1897a, 377.—Rail, & Gomy, 1897, 2 July, 610–613 (in cattle; Cochinchina); 1897, 1 Aug., 474–475; 1899, 347, 349.—Sons., 1895, 184.—Stiles, 1898a, 24, 67, 140.—Verrill, 1870, 177.—Veterinarius, v. 21, 328.—Ward, 1895, 332 (in *Bos taurus*).
- fabaceum* Dies., 1838, 189 (in *Manatus australis*); 1839a, 236, pl. 20, figs. 19–23 (in *Manatus exunguis*; Borba and Forte do Rio Branco, Brazil); 1850a, 403–404 (in *Man. exung.*; Brazil).—Braun, 1893a, 905.—Cobbold, 1879b, 429.—Duj., 1845a, 334.—Fischder., 1901, 374 (type of *Chiorchis n. g.*); 1902a, 44, (to *Chiorchis*); 1903h, 621, 622 (in *Manatus latirostris*; North America).—Leidy, 1891a, 413–414 (in *Manatus latirostris*).—Nord., 1840, 629.—Stedman, 1889, v. 11, 85–101, pls. 1–2.
- falconis palumbæ* Baird, 1853a, 47 (syn. of Holost. *macrocephalum*).
- falconis palumbarii* Rud., 1819a, 88 (syn. of *A. macrocephalum*), 793.—Dies., 1850a, 309 (syn. of Hemist. *spathula*).
- falconis palumbi* (Viborg, 1795) Rud., 1809a, 352, sp. inq.
- falconis peregrini* Rud., 1819a, 92, 362, sp. dub. (*Falco peregrinus*; Berlin), 793.—Dies., 1836d, 253.—Westrumb, 1823, 397.
- ferrum-equinum* Dies., 1836d, 238, 250, pl. 23, figs. 16–18 (*Cataphractus murica* at Cuyaba and *C. corome* at Cuyaba and Matogrosso); 1850a, 405 (*Doras muricas*, *D. costatus*).—Braun, 1893a, 905.—Duj., 1845a, 340–341.—MacCallum, 1905, 668.—Nord., 1840, 629.
- giganteum* Dies., 1836d, 238, 239, 240, 243, 244, 245, 248, pl. 22, figs. 5–6 (*Dicotyles albirostris* at Nas Frechas and Caicara, and *D. torquatus* at Matogrosso); 1850a, 403.—Brand., 1891d, 17.—Braun, 1892a, 578, 601; 1893a, 874, 905; 1893d, 466 (in *Dic. labiatus*; *D. torq.*).—Cobbold, 1875n, 819; 1879b, 404.—Crep., 1841, 80 (in *Dic. lab.*, *D. torq.*).—Duj., 1845a, 333–334.—Fischder., 1901, 373; 1902a, 40 (e. p. syn. of *Cladorchis* (*Taxorchis*) *schistocotyle*).—Moul., 1856a, 19.—Nord., 1840, 547, 628.—Sons., 1895, 184.
- gigantocotyle* Brand., in Otto, 1896, 16 Apr., 103–105, figs. 6–7 (in *Hippopotamus*).—Fischder., 1902a, 9, 34 (in *Hip. amphibius*; Africa); 1903h, 495, 496.
- gracile* Rud., 1819a, 89, 355 (*Mergus merganser* and *M. albellus*), 793.—Bellingham, 1844, 339.—Dies., 1850a, 315 (to Holost.); 1858e, 321.—Duj., 1845a, 578 (to Holost.).—Lamoureux, 1822a, 297.—Westrumb, 1823, 393.

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*grande* Dies., 1839a, 237, pl. 20, figs. 25–27 (in *Chelys*, *Phrynops*, *Peltocephalus*, *Podocnemis*, *Rhinemys*; South America); 1850a, 406 (in *Chelys fimbriata*, *Phrynops geoffroanus*, *P. miliusii*, *P. gibbus*, *Peltocephalus dumerilianus*, *Podocnemis erythrocephala*, *P. expansa*, *P. tracaxa*, *Rhinemys nasuta*; Brazil).—Brand., 1891d, 17.—Braun, 1892a, 586; 1893a, 879, 905; 1899b, 715, 719; 1901b, 55.—Crep., 1844a, 114.—Duj., 1845a, 336.—Leidy, 1888, 127.—Looss, 1902m, 430, 437, 440.—Mont., 1892, 715; 1896, 165.—Nord., 1840, 629.

*hauteri* Sons., 1895, 182; 1895, 187, fig. (to *Pseudodiscus*); 1896, 310.

*hawkesi* Braun, 1893d, 466, for *hawkesii* Cobbold.

*hawkesii* Cobbold, 1875n, 818, 819 (in *Elephas indicus*; India); 1877, 234; 1879b, 393, 396, 399; 1882, 238–240, fig. 8; 1883x, 515.—Braun, 1893a, 874, 905; 1893d, 466 (*hawkesii*).—Fischder., 1902a, 48 (*hawkesii*) (in *E. indicus*, India); 1903h, 489 (to *Pseudodiscus* by Sons., 1895).—Galli-Valerio, 1901c, 364 (elephant).—Huber, 1896a, 579–580 (elephant).—Looss, 1902m, 439 (*hawkesii*).—Ménin, 1882, 455.—Piana & Stazzi, 1900, 511, 519–525, 529, figs. 12–14 (*hawkesii*); 1901, 416.

*hepaticum* Betegh in Gomy, 1898, 328–329 [*Veterinarius*, v. 21 (11), June 1]; [Gomy, 1897, Aug. 21, 401].—Rail. & Gomy, 1899, 348.—Refers to “*amphistome hépatique*” = *A. explanatum*.

*hirudo* Dies., 1836d, 238, 249, pl. 23, figs. 10–12 (*Palamedea cornuta*; Engenho do Cap Gama, Brazil); 1850a, 407.—Braun, 1893a, 874, 905.—Duj., 1845a, 355.—Nord., 1840, 628.

*hominis* Lewis & McConnell, 1876a, 182–186, 1 text fig., pl. 3, figs. 1–3 (*Homo*; Calcutta, India).—Anders, 1903, 1245.—Bl., 1888a, 632–636, figs. 327–329; 1895, 744; 1900, 488.—Braun, 1883, 69; 1892a, 663; 1893a, 874, 905; 1895, 137–138, fig. 52; 1903, 146 (to *Gastrodiscus*).—Cobbold, 1879, 36–38, fig. 6; 1883x, 515.—Dav., 1877a, cxxxii.—Dunglison, 1893, 50, 533.—Fischder., 1901, 374; 1902a, 9, 46 (to *Gastrodiscus*); 1903h, 496.—Gamb., 1896, 63.—Giles, 1890, 125.—Hackley, 1886, 519.—Huber, 1896, 579–580.—Ijima, 1889, 157.—Jamison, 1897a, 74.—Kholod., 1898, 33, pl. 11, figs. 26–27; 1899a, 153.—Looss, 1902, 746; 1905, 110 (to *Gastrodiscus*).—Manson, 1901, 541, 543; 1903, 3, ed., 663, fig. 106.—Mon., 1896, 86, 87–89, figs. 17–18.—Mosler & Peiper, 1894, 185–186.—Schneidemuehl, 1896, 303.—Simon, 1897, 209; 1897, 223–224.—Sons., 1895, 181, 183; 1895, 187, fig. 6 (to *Gastrodiscus*); 1896, 310.—Stiles, 1904, 46 (to *Gastrodiscus*).—*Veterinarian*, Lond., 1877, v. 50, 82.—Vogt, 1878, 10.—Ward, 1895, 327 (in *Homo*); 1903, 865 (to *Gastrodiscus*).

*isostomum* Rud., 1814a, 100 (*Strigea candida* and *Amphist. anatis tadornæ*, renamed; in *Anas tadorna*; Copenhagen); 1819a, 89, 355, 793.—Bellingham, 1844a, 339.—Duj., 1845a, 377 (to *Holost.*).—Dies., 1850a, 313 (syn. of *Holost. erraticum*); 1858e, 320.—Lamoureux, 1822a, 297.—Olfers, 1816, 48.—Westrumb, 1823, 393.

*konikum* Schneidemuehl, 1896, 303, for *conicum*.

*lari glauci* Rud., 1819a, 92 (in *Larus glaucus*; Cat. Ent. Vien.), 793.—Dies., 1836d, 253; 1850a, 310 (syn. of *Hemist. spathaceum*).

*loliginis* delle Chiaje, 1841a, 140 (sub *Amphystoma*).—Par., 1894.

*longicollis* Rud., 1819a, 87–88, 92, 352–353 (*Ardea alba*, *A. stellaris*, *Larus ridibundus*, and *L. atricilla*; Mus. Vienn.), 793.—Baird, 1853a, 48 (to *Holost.*).—Bellingham, 1844, 338.—de Blainv., 1828, 583.—Bremser, 1824, 132; 1824c, pl. 8, figs. 15–16.—Dies., 1850a, 316 (to *Holost.*); 1858e, 321.—Fischer, 1840, 157.—Lamoureux, 1822a, 297.—Stoss., 1898, 21.—Westrumb, 1823, 390–391.

*lunatum* Dies., 1836d, 238, 240, 250–251, pl. 23, figs. 21–22 (*Cervus dichotomus*, *Anas melanotus*, *Anas ipecutiri*, *Himantopus wilsonii*; Caicara); 1850a, 405–406 (“*Cervus dichotomus*, nisi lapsus calami.” other hosts as in 1836d).—Braun, 1892a, 570; 1893a, 874, 905.—Crep., 1839, 286.—Duj., 1845a, 335–336.—Fischder., 1902a, 53–54 (in *Cervus dichotomus*?, *Anas ipecuteri*, *A. himantopus*, *A. melanotus*, *A. moschata* fer.; Brazil).—Nord., 1840, 629.—Also reported for *Cariacus paludosus*.

*macrocephalum* Rud., 1803a, 21–23 (*Strix bubo*) (includes: *Fasc. strigis* Gmelin, 1790a, and *Strigea* Abildg., 1790 [Copenhagen]) [type of *Amphist.*, by inclusion]; 1809a, 50, 340–342 (in *Strix ulula*, *S. otus*, *S. bubo*, *S. flammea*, *Scelopax gallinago*); 1814a, 99–100; 1819a, 88 (additional hosts: *Falco albicilla*, *F. aluco*, *F. apivorus*, *F. buteo*, *F. chrysaetos*, *F. cineraceus*, *F. cyaneus*, *F. gallicus*, *F. haliaetos*, *F. lagopus*, *F. lanarius*, *F. leucosoma*, *F. lithofalco*, *F. milvus*,

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- F. naevius*, *F. nissus*, *F. palumbarius*, *F. pennatus*, *F. peregrinus*, *F. rufipes*, *F. subbuteo*, *F. tinnunculus*, *Strix brachyotus*, *S. dasypus*, *S. passerina*, 354–355 (includes *Holost. variabile* Nitzsch, and *Fest. oti*), 793.—Baird, 1853a, 47, 48 (to *Holost.*).—Bellingham, 1844a, 338.—Brand., 1888a, 10.—Bremser, 1824, pl. 8, figs. 18, 19, 21, 22.—Cobbold, 1858b, 164 (syn. of *Hemist. spathula* Dies., see next entry).—Crep., 1839, 288.—Dies., 1850a, 312–313 (*A. mac.* of Rud., 1809a, 340; 1819a, 88, exc. syn.; Westrumb, 1823, 391; Bremser, 1824, pl. 8, figs. 18, 19, 21, 22, all as syn. of *Holost. variabile*); 1858e, 320 (syn. of *Holost. variabile*).—Fischer., 1840, 157.—Fischder, 1901, 367; 1902a, 7 (=Plan. strigis); 1903h, 490 (=strigis; type of *Strigea*, *Amphist.*, *Holost.*).—Lamarck, 1816, 188.—Lamoureux, 1822a, 297.—Nitzsch, 1819, 400 (syn. of *Holost. variabile*).—Nord., 1840, 625 (syns. *Fasc. strigis*, *Holost. variabile*).—Olfers, 1816, 47.—Stoës., 1898, 21 (syn. of *Holost. variabile*).—Westrumb, 1823, 392–393.
- macrocephalum* Rud., 1819a, 88 (pars; *falconis milvi*).—Baird, 1853a, 48.—Bremser, 1824, pl. 8, figs. 17, 20.—Dies., 1850a, 309 (syn. of *Hemist. spathula*).—Linst., 1905, 191.—Nord., 1840, 626 (syn. of *A. striatum*).
- megacotyle* Dies., 1836d, 238, 250, pl. 23, figs. 19–20 (*Silurus palmito*; Matogrosso); 1850a, 405 (*Trachicirrhus nattereri*; Brazil).—Braun, 1893a, 905.—Duj., 1845a, 340 (in *Sil. palm.*; Brazil).—MacCallum, 1905, 668 (in *Silurus*).—Nord., 1840, 629.
- microcephalum* Rud., 1819a, 88, lapsus for *A. microstomum* Rud.
- microstomum* Rud., 1809a, 342–343 (*Corvus caryocatactes*; Europe); 1819a, 88, 793.—Dies., 1850a, 314 (to *Holost.*); Duj., 1845a, 371 (Greifswald), (to *Holost.*).—Lamoureux, 1822a, 297.—Olfers, 1816, 47.—Westrumb, 1823, 393.
- mutabile* (Zed., 1800) Sieb., 1835, 70, lapsus for *Monost. mut.*
- nattereri* Cobbold, 1860a, 52; cornu Dies., 1839a [not (Zed., 1800) Rud., 1809], renamed; t. h. *Callichthys vacu*; Brazil.
- oidemix nigræ* Dies., 1858e, 322 (syn. of *Holost. anatis nigræ*, based on Bellingham, 1844a, 340, Ireland).
- ornatum* Cobbold, 1882a, March, 240, fig. 9 (*Elephas indicus*).—Braun, 1893a, 882, 905.—Fischder., 1902a, 49 (in *Elephas indicus*; India).—Looss, 1902m, 439.—Méglin, 1882v, 454–456 (in elephant).—Sons., 1895, 183.
- oxycephalum* Dies., 1836d, 238, 240, 251, pl. 24, figs. 1–8 (*Salmo auratus*, *S. pacu*, *Silurus megacephalus* at Cuyaba, *Salmo pacupeba* at Rio Panara and Rio Araguay); 1850a, 407.—Braun, 1892a, 586; 1893a, 905.—Duj., 1845a, 339–340.—MacCallum, 1905, 668, 672 (in *Salmo* and *Silurus*).—Nord., 1840, 629.
- papillatum* Cobbold, 1882, 240–242, fig. 10, pl. 24, fig. 11 (*Elephas indicus*).—Braun, 1892a, 580, 663; 1893a, 874, 905; 1893d, 466.—Fischder., 1902a, 49 (in *Elephas indicus*; India).—Sons., 1895, 184, 187, figs. 4–5.
- papilliferum* Braun, 1892a, 586, for *A. papillatum* Cobbold.
- pileatum* (Rud., 1802) Rud., 1819a, 90, 358, 793.—Blainv., 1828, 584 (to *Holost.*).—Dies., 1850a, 314 (to *Holost.*).—Lamoureux, 1822a, 297.—Westrumb, 1823, 395.
- pileatum* Rud., of Bremser, 1824, pl. 8, figs. 28–29.—Dies., 1850a, 311 (syn. of *Hemist. commutatum*).
- piriforme* Sons., 1895, 184 (for *pyriforme*).
- platycephalum* Crep., 1825a, 39–41, 81–82 (*Colymbus rufogularis*; Greifswald); 1846, 138, 139, 140, 141.—Dies., 1850a, 313 (to *Holost.*).—Duj., 1845a, 376 (to *Holost.*).
- pulcherrima* Weyenbergh, 1876, 167–169, pl. 9, figs. 75–78 (in *Hypostomus plecostomus* Val.; Argentina); 1878, 354 (to Dist.).—Looss, 1885b, 55.
- pyriforme* Dies., 1838a, 189 (in *Tapirus americanus*); 1839a, 236, pl. 20, figs. 17–18 (*Tap. amer.*; Matogrosso or Cachoeira do Bananeira); 1850a, 403 (Brazil).—Braun, 1893a, 874, 905; 1893d, 466 (in *Tap. amer.*).—Cobbold, 1875n, 819; 1879b, 402.—Duj., 1845a, 334.—Fischder., 1902a, 36 (to *Cladorchis*).—Nord., 1840, 629.—Sons., 1895, 184 (*piriforme*).—Weyenbergh, 1878, 167–169.
- rhopaloides* Crep., 1839, 294; 1846, 168 (“falsch geschrieben ropaloides” Leblond).—Baird, 1853a, 116 (syn. of *Tetrab. migratorius* in *Conger vulgaris*) (includes Leblond, 1836e, 290, pl. 16, figs. 1–3; 251.—Deslongchamps, —, 294.—Duj., 1845a, 341.—Sieb. 1837, 265; 1838, 306).—Lacaze-Duthiers, 1854a, 294.

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- ropaloides* Leblond, 1836e, 290, pl. 16, figs. 1-3 (Murena conger; coast of Normandie); 1836f, 4, pl. 16, figs. 1-3 (in Murena conger).—Crep., 1839, 294.—Deelongchamps, —, 249.—Duj., 1845a, 341 (coast of Normandie).—Sieb., 1837, 265; 1838, 306.—Vaullegeard, 1899, 82.
- scleroporium* Rud., of Brand., 1891d, 19 (for Creplin?).
- scleroporium* Crep., 1844a, 112-115, pl. 3, fig. A (Chelonia mydas); 1846, 146.—Braun, 1893a, 905; 1899b, 715 (in Chelone viridis), 725 (C. mydas); 1901a, 39, 40, 55, 56, 1 fig.—Dies., 1850a, 406 (Halichelys atra; Vratislaviae).—Looes, 1901, 623, 624; 1902m, 430, 437, 438, 440, 562.—Mont., 1896, 165.—Walter, 1892, 248.
- serpens* (Nitzsch, 1819) Rud., 1819a, 88, 353-354 (in Falco haliaëtus; September), 793.—Dies., 1850a, 316 (to Holost.).—Duj., 1845a, 371, at Halle (to Holost.).—Lamoureux, 1822a, 297.—Nord., 1840, 628 (to Holost.).—Westrumb, 1823, 392.
- sonsinoi* Linst., 1889, 23 (for sonsinoii) (in Equus caballus).—Ward, 1895, 338, (syn. of Gastrodiscus aegyptiacus) (in Equus caballus).
- species Bellingham, 1844, 340.—Braun, 1901a, 55, 56.—Looes, 1902m, 430.
- species Cobbold, 1879, in Equus caballus.—Ward, 1895, 338.
- species Fischder., 1903, v. 17, 594; 1904, 468, syn.? of Paramphist. scolioceelum.
- species in Felis catus.
- species in Phoca grønlandica.
- spharoccephalum* Westrumb, 1823, 396 (Coracias jugularis; at Rio Janeiro).—Brandes, 1888a, 65 (to Holost.); 1890a, 592.—Dies., 1850a, 314 (to Holost.; in Coracina scutata; Brazil).
- spharula* Rud., 1803a, 23-24 (Corvus cornix; Greifswald); 1809a, 345-346; 1819a, 90, 358.—Bellingham, 1843a, 343; 1844, 339.—Dies., 1850a, 314 (to Holost.).—Duj., 1845a, 371 (to Holost.).—Lamoureux, 1822a, 297.—Olfers, 1816, 47.—Westrumb, 1823, 395.
- spinulosum* Looes, 1901l, 7 Nov., 623-624 (in Chelone mydas; Alexandria, from Egyptian coast); 1902m, 415, 430-444, pl. 21, figs. 10, 11; pl. 22, figs. 12-16, 430, 434, 436, 437, 438, 439, 442, 649, 676, 869 (colon of Ch. mydas), 871.—Shipley, 1905, v. 2, 846.
- stanleyi* (Cobbold, 1879) Ward, 1895, 338 (in Equus caballus) (for stanleyii Cobbold).
- stanleyii* Cobbold, 1875n, 819.—Fischder., 1902a, 48 (stanleyi) (in Equus caballus; India).
- striatum* Rud., 1809a, 343 (Falco milvus; Europe); 1819a, 88 (syn. of A. macrocephalum, 793.—Baird, 1853a, 47 (syn. of Holost. macroceph.).—Dies., 1850a, 309 (syn. of Hemist. spathula).—Lamarck, 1816b, 188.—Nord., 1840, 626 (syn. A. macroceph. Rud.).—Olfers, 1816, 47.
- subclavatum* (Goeze, 1782) Rud., 1802b, 92-93; 1809a, 348-349 (in Rana temporaria, R. bufo, R. arborea, R. esculenta); 1819a, 90-91 (in Bufo igneus, B. cinereus), 358-359, 589, 793.—Baillet, 1866b, 96 (of Nitzsch).—Ben., 1858a, 1861a, 81-84, 171, 203, 215 (syns. Plan. subclavata, Dist. subclavatum, Diplo-discus subclavatus, Dip. diesingii, Diplocotyle mutabile).—Bettend., 1897a, 8, 37; 1897, 312.—Blainv., 1828a, 53.—E. Bl., 1847a, 316-317, pl. 14, fig. 1.—Brand., 1891d, 17.—Braun, 1892a, 592, 798; 1893a, 845, 848, 851, 852, 854, 858, 864, 869, 874, 879; 1893b, 177, 179, 180, 182; 1895b, 11.—Bremser, 1824c, pl. 8, figs. 30-31; 1824, 133.—Cobbold, 1872b, 91 (to Diplodiscus); 1879b, 49, 452, 454.—Crep., 1839a, 286.—Creutzburg, 1890a, 21.—Darr, 1902a, 678, 688.—Dies., 1836d, 237, 238, 240, 253 (to Diplodiscus); 1850a, 318 (in Dendrohyas viridis, Rana temporaria, Pelophylax esculentus, Phryne vulgaris, Bufo viridis, Bombinator igneus, Leptodactylus sibilatrix); 1858c, 360, 1859c, 435.—Duj., 1845a, 336, 339 (in Rana esculenta; Rennes).—Erc., 1881e, 57 (embryo), pl. 2, fig. 9; 1882a, 293.—Fil., 1837a, 338 (syn. Diplodiscus subcl.); 1854a, 6; 1855b, 13-17, pl. 2, figs. 14-16 (in Planorbis vortex; Moncalier); 1857c, 32.—Fischder., 1903h, 487 (to Diplodiscus by Dies.).—Fraip., 1880c, 419.—Gerv. & Ben., 1859b, 212.—Gronkowski, 1902a, 515 (8).—Hoyle, 1890, 539.—Ijima, 1884c, 638.—Kitt, 1885a, 148.—Knoch, 1894a, 10.—Lamarck, 1816b, 189.—Lamoureux, 1822a, 297 (Amphistome).—Lang, 1892a, 81-89, 1 fig. (syn. Diplodiscus subcl. Dies.) (Cerc. of); 1893a, 479.—Lejtenyi, 1881a, 5, 8, 10, 18, 20.—Leuck., 1863, 82, 488, 491; 1879, 107; 1886d, 80.—Levin., 1881a, 63, 69.—Looes, 1892b, 147-167, 1 fig., pls. 19-20 in text (devel-



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- opment); 1894a, 8, 85, 117, 133, 136, 137, 142, 146, 150, 169, 178, 206, 227, 234, 237, 248; 1894d, 17, 21, 22; 1896b, 17, 31, 138, 171, 172, 178, 179, 180, 181, 182, 183, 188, 189, 190; 1901, 441; 1902m, 438, 444 (Cerc. diplocotylica).—Macé, 1882, 12.—Mont., 1888, 39, 49, 50, 73, 78; 1891, 117; 1893, 68, 160, 205.—Moul., 1856a, 18, 20 (eye of Cerc.), 47 (embryo, 125 $\mu$ ), 50, 125 (eye of Cerc.), 208–211, pl. 6, fig. 10 (Cerc.=Diplodiscus diesingii) (in Planorbis vortex), 212.—Mueller, ———.—Nitzsch, 1819, 398–399 (syn. Plan. subcl. Göze).—Nord., 1840, 627 (syns. Plan. subcl., Fasciolaria ranæ Gmelin, Diplodiscus subcl. Dies.).—Olfers, 1816, 45, 48.—Pag., 1857, 25, 26, 49–50, 52, pl. 6, figs. 5–9 (in braunen Frosche).—Poir., 1885, 102.—Risso, 1826, 262.—Roesebach, 1906, 368, 369, 375, 392, 394, 402, 405, 408, 413, 414, 423, 429, 431.—Sieb., 1835, 56, 57, 67, 70; —, v. 1, 160.—Slawikowski, 1819, 49.—Sons., 1884, 59, 60, 61; 1893, 187 (subclavatatum) 188 (in Rana temporaria), 189 (in Triton cristatus, Rana esculenta L.).—Ssinitzin, 1904, 768, figs. a, b; 1906, 684.—Stephens, 1906, 10.—Tennent, 1906, 650.—Villot, 1878, 6.—Wagener, 1857, 26, 27.—Walter, 1858, v. 1, in 268–297, pls. 11–13; 1866, 64–65.—Westrumb, 1823, 396.—Zed., 1803a, 198, pl. 3, fig. 3.
- subclavatatum* Rud. of Staff., 1900, 405, 412 ("rectum of frogs, chiefly of the small grass frogs;" Canada); 1905, 689–690 (Rana virescens Kalm, R. catesbiana Shaw; Canada), renamed Diplodiscus temperatus.—Looss, 1885b, 24.
- subclavatatum* Sons., 1893, 187, for subclavatatum.
- subtriquetrum* Rud., 1814a, 100 (Castor fiber; Berlin, May); 1819a, 91–92, 360–361, 577, 589, 793.—Blainv., 1828, 583.—Bojanus, 1821, 164, pl. 2, figs. 5–12.—Braun, 1892a, 578, 601, 608, 680, 681, 694, 746; 1893a, 905.—Bremser, 1824c, pl. 8, figs. 32–33.—Civinini, 1842, ———.—Cobbold, 1879, 317.—Crep., 1837, 313, 323; 1841, 80.—Dies., 1836d, 238, 244, 245, 246, 248–249, pl. 23, figs. 7–9 (in Castor fiber) (syn. Dist. amphistomoides); 1850a, 402 (syn. Dist. amphistomoides).—Duj., 1845a, 331–332.—Eichwald, 1829a, 249.—Fischer, 1840, 157.—Fischder., 1901, 373; 1902a, 41, 42 to Cladorchis (Stichorchis); 1903h, 506, 507.—Kuech., 1855, 192.—Lamouroux, 1822a, 297.—Leidy, 1888, 126.—Leuck., 1863, 460.—Macé, 1882, 9.—Mol., 1859, 849 (in Castor fiber).—Nitzsch., 1819, 398, 399.—Nord., 1840, 547.—Olfers, 1816, 47.—Otto, 1896, 105–108, fig. 8.—Schmalz, 1831, 24, 27.—Sieb., 1835, 64, 65.—Slawikowski, 1819, 52.—Sons., 1895, 184, 187, fig. 7.—Westrumb, 1823, 397.—Also reported for Arvicola campestris, Fiber zibethicus.
- subtriquetrum giganteum* Kuech., 1855, 192.
- sylvia* Rud., 1819a, 675 (Sylvia cyanea; Brazil), 793.—Dies., 1836, 253.—Westrumb, 1823, 398.
- tadornæ* Rud., 1819a, 89 (for A. anatis tadornæ and syn. of A. isostomum), 793.
- tanagra* Rud., 1819a, 674–675 (Tanagra tataoa; Brazil), 793.—Dies., 1836, 253.—Duj., 1845a, 335.—Westrumb, 1823, 397.
- tenuicollis* Westrumb, 1823, 391–392, pl. 5, fig. 2 (Falco rufus).—Dies., 1850a, 316 (to Holost.); Mus. Cat. Vien.
- truncatum* Rud., 1819a, 91, 359–360 (in Phoca vitulina; Berlin and Vratislavie), 793.—Anacker, 1888b, 314; 1892c, 94.—Baillet, 1866b, 105 (syn. of Dist. conus).—Braun, 1892a, 578, 586; 1893a, 875, 905; 1893, 348, 349, 350; 1893d, 467 (in Phoca sp.); 1893f, 382, 383, 384, 385, 386, 389, 424, fig. 1; 1893g, 802 (syn. of Dist. conus (Crep.)).—Cobbold, 1875n, 819; 1879b, 307, 313.—Crep., 1839, 286.—Dav., 1877a, lxxx.—Dies., 1836, 238, 252, pl. 24, figs. 13–15; 1850a, 404; 1858c, 350 (syn. of Dist. conus), 358 (in Phoca groenlandica).—Duj., 1845a, 331.—de Jong, 1896a, 3, 4, 5.—Lamouroux, 1822a, 297.—Linst., 1878, 44.—Mol., 1859, 849 (in Felis catus).—Mont., 1889, 321.—Verrill, 1870, 175, 220.—Ward, 1895, 341 (in Canis familiaris).—Westrumb, 1823, 397.—Zuern, 1882, 223.
- truncatum* of Dies., 1850a, 404 (in Felis catus); 1858c, 332 (syn. of Dist. lanceolatum).—Kitt, 1885a, 148 (in cat).—Sons., 1889, 281 (syn. of Dist. conus (Crep.)).—Stoss., 1892, 25 (syn. of Dist. conus (Crep.)).
- trunkatum* Schneidemuehl, 1896, 303, for truncatum.
- tuberculatum* Cobbold, 1875n, 819 (in ox; India); 1879b, 332.—Fischder., 1902a, 49 (in Bos taurus; India).—Stiles, 1898a, 67, 140.—Ward, 1895, 332 (in Bos taurus).
- unciforme* Rud., 1819a, 674 (Oriolus cristatus; Brazil), 793.—Braun, 1892a, 578; 1893a, 905.—Dies., 1836d, 238, 252–253, pl. 24, figs. 16–18; 1850a, 404.—Duj., 1845a, 335.—Westrumb, 1823, 397.

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- unguiculatum* Rud., 1819a, 91, 360 (Triton palustris; Berlin), 793.—Baird, 1853a, 44 (syn. of *A. subclavatum*).—Crep., 1839a, 286.—Dies., 1836d, 237, 254; 1850a, 319 (to *Diplodiscus*).—Fischder., 1903h, 487 (to *Diplodiscus* by Dies.).—Lamouroux, 1822a, 297.—Nitzsch, 1819, 399 (in *Wassersalamander*).—Westrumb, 1823, 397.
- urnigerum* Rud., 1819a, 89, 356-357 (in *Rana esculenta*; Mus. Vien.), 793.—Baird, 1853a, 49 (to Holost.).—Blainv., 1828a, 583.—Braun, 1892a, 796.—Bremser, 1824c, pl. 8, figs. 24-27.—Crep., 1825a, 41-45, 83.—Dies., 1850a, 318 (syn. of *Codonocephalus mutabilis*; type of *Codonoc.*).—Duj., 1845a, 378, 379 (to Holost.). (in *Rana esculenta*; Paris).—Lamouroux, 1822a, 297.—Moul., 1856a, 16 (type of *Codonocephalus* Dies., 1850).—Nitzsch, 1819, 400.—Sons., 1893, 190 (syn. of *Cod. mut.* Dies.).—Westrumb, 1823, 394.
- vallei* (Stoss., 1899) Looss, 1902m, [418], 430 (to *Lophotaspsia*), 890; the reference on p. 890 (index) is apparently a lapsus for *A. spinulosum*.
- variegatum* Crep., 1825a, 38-39, figs. 4-6 (in *Larus marinus*; Greifswald); 1846, 139, 140, 146.—Dies., 1850a, 315 (to Holst.).—Duj., 1845a, 376.
- watsoni* Conyngham, 1904, Aug. 13, 464, Aug. 15, 252, Aug. 27, 355; 1904, Sept. 17, 663, figs. 1-2 (in *Homo*; Africa); 1904, Sept. 29, 1480; 1904, Oct. 8, 710; 1904, Sept. 8, 1092.—Shipley, 1905, 8 (syn. of *Cladorchis watsoni*); original patient in Zola (Nigeria) came from Adamawa, German West Africa.
- AMPHISTOME Mont., 1888a, 18.
- AMPHISTOMATA Bojanus, 1817b, 275, 276.
- AMPHISTOMATIDÆ Gamb., 1896a, 73.
- AMPHISTOME Lamouroux, 1822a, 297, for *Amphistoma*.
- AMPHISTOMEÆ Zuern, 1882, 113.—Brand., 1888, 49.—Braun, 1893a, 886.—Mont., 1888a, "mihi," 7, 11, 12, 14, 15, 16, 18, 34, 36, 38, 41, 51, 52, 56, 57, 60, 90, 91, 102, 103; 1892, Oct. 7, 195.
- AMPHISTOMIDÆ E. Bl., 1847a, 309.—R. Bl., 1895, 730.—Brand., 1890a, 576.—Braun, 1893a, 886, 890, 895, 900, 904; 1895b, 136.—Cobbold, 1877, 235; 1879b, 4.—Cohn, 1904, 242.—Fischder., 1901, 367; 1902a, 8 (renamed *Paramphistomidæ*; 1903h, 489, 490 (syn. of *Paramphistomidæ*).—Kholodk., 1898, 25, 33.—Looss, 1899, 541, 542, 543.—MacCallum, 1905, 667.—Mont., 1888a, "mihi," 21, 90, 91, 103, 108; 1892, Oct. 7, 214 (f. of *Malacocotylea*); 1893, 82.—Muehl., 1898, 20.—Nickerson, 1902, 612.—Poir., 1883, 74; 1885, 147.—Schneidemuell., 1896, 295.—Sons., 1895, 184, 185, 186.—Stiles, 1898a, 22, 24, 27, 64.—Stiles & Hass., 1898, 87.—Zuern, 1882, 113.
- 1895: *Amphistomidi* Sons., 1895.
- [AMPHISTOMINA Lankester, E. R., 1890, 846 (f. of *Gromiidea*, Protozoa).]
- AMPHISTOMINÆ Mont., 1892, Oct. 7, 214 (subf. of *Amphistomidæ*).—Braun, 1893a, 890.—Looss, 1899, 541, 543.—Not *Amphistominæ*, subf. of *Gromidæ* (Protozoa), see Calkins, 1901b, 106.
- AMPHISTOMULUM Brand., 1892b, Oct. 7, 510 (proposed as an artificial collective group to contain immature amphistomes).—Stiles, 1902, 28, 48.
- AMPHISTOMUM Nitzsch, 1819, 397.—Crep., 1825a, 35 (for *Amphistoma*, q. v.).
- [AMPHITYPIE, a term, not a zoological name, see Looss, 1902m, 789-792.]
- AMPHYSTOMA Rud., 1803a, 29 (for *Amphistoma*, q. v.)
- ANADASMUS Looss, 1899b, 568-569 (m. *amphiorchis*) [not *Anadasmus* Walsingham, 1897, insect]; 1900d, 601, 602 (renamed *Orchidasma*); 1902m, 839.—Braun, 1901b, 20.—Luehe, 1901, 488.—Stiles, 1901, 185, 189, 191.
- amphiorchis* (Braun, 1899) Looss, [1899b, 568, 569]; 1902m, 463 (to *Orchidasma*).
- ANAPORRHUTINÆ Looss, 1901, 205 (subf. of *Fasciolidæ*); 1901, 558; 1902, 479, 485, 844, 862-863 (diagnosis).—Odhn., 1902, 65, 68.—Pratt, 1902a, 888, 901 (key) (includes *Anaporrhutum*, *Plesiorchorus*; related genus *Callodistomum*).
- ANAPORRHUTUM Ofenheim, 1900, 145-186 (type *albidum* Brand., designated by Looss, 1900b, 204).—Braun, 1902b, 23.—Darr, 1902, 652.—Looss, 1901b, 204, 205, 209; 1901i, 557, 558; 1902m, 479, 480, 481, 482, 484, 485, 526, 621, 813, 814, 844, 848, 851, 852, 853, 854, 855, 857 (*Anaporrhutinæ*), 858, 859, 860, fig. B. V, 863 (diagnosis).—Odhn., 1902, 65, 67.—Pratt, 1902a, 888, 900 (key), 901 (key).

## ANAPORRHUTUM—Continued.

- albidum* Brand. in Ofenheim, 1900, 145–186, figs. 1–4 in text, pl. 3, figs. 1–8 (in body cavity and pericardium of *Aëstobatis narinari*, in Pacific).—Hollack, 1902a, 868.—Looss, 1901b, 204 (type of genus), 206, 209; 1901l, 557; 1902m, 479, 482, 483, 484, 620, 622, 623, 624, 625, 628, 791 (Amphitypie), 844, 848, 851, 852, 855, 857, 863.—Odhn., 1902, 154.
- ricchiardii* (Lopez, 1888) Looss, 1901b, 204, 206, 209; 1901l, 557, 558; 1902, 479, 482, 483, 484, 621, 622, 791 (Amphitypie), 844, 848, 852, 853, 854, 855 (to *Probolitremas* as type).
- ricchiardii* (Lopez of Ofenheim) Looss, 1902m, 479, 482, 483, 484, 621, 622, 852, 854, 855 (renamed *Probolitremas capense*).
- richiardi* of Ofenheim, 1900, 169–180, 178, 179, 180, 185, 186, pl. 3, figs. 9–12 (in *Scyllium* sp., Atlantic, near Kapstadt).—Odhn., 1901, 61; 1902, 61.
- ANCHITREMA Looss, 1899b, 637 (m. *sanguineum*);  $\alpha\gamma\chi$ , near related; 1901b, 200; 1902m, 839.—Klein, 1905, 78; 1905, 20.—Luehe, 1901, 487.—Odhn., 1902, 41.—Ofenheim, 1900, 183.—Pratt, 1902a, 889, 905 (key).
- mutabile* (Mol., 1859) Rizzo, 1902, 27–28, fig. 1 (*Ascalobotes mauritanicus*, *Lacerta agilis*).
- sanguineum* (Sons., 1894) Looss, 1899b, 637; 1902m, 492, 818, 823.—Heymann, 1905, 97.—Luehe, 1900aa, 565, 566.
- ANCYROCEPHALUS Crep., 1839a, 292 (m. *paradoxus*).—Cerf. 1895h, 918; 1896, 514.—Dies., 1850a, 416; 1858e, 314, 368 (f. *Polycotylea*, subf. *Aplacotylea*).—Mont., 1903, 336 (syn. of *Tetraonchus*).—Stiles & Hass., 1905b, 85.
- paradoxus* Crep., 1839a, 292 (in *Perca lucioperca*); 1846, 155.—Dies., 1850a, 416 (Greifswald, Vienna, Gedani); 1858e, 368, pl. 1 (in *Lucioperca sandra*).—Duj., 1845a, 654 (in *P. luc.*).—Kroyer, 1838–40a, 579 (in *Lucioperca sandra*).—Mont., 1888, 90; 1889, v. 3(2), 113–116 (syn. of *Tetraonchus unguiculatus* Wagener; in *Lucioperca sandra*, *Perca fluviatilis*); 1889, 26 Oct., 516–517; 1891, 109; 1893, 113–116.—Sieb., —, 298.—Tasch., 1879, 238, 264 (syn. of of *Tetraonchus unguiculatus* Wagener).
- ANCYROCOTILE Massa, 1903, 252, for *Ancyrocotyle*.
- ANCYROCOTYLE Par. & Mont., 1903, v. 7 (1), 117–123, pl. 3, figs. 1–6 (m. *vallei*); 1904, May 17, 280.—Massa, 1903, 252 (*Ancyrocotile*); 1906, 44, 48.—Mont., 1903, 335 (subf. *Ancyrocotylinae*; f. *Tristomidae*).
- vallei* (Par. & Perugia, 1895) Par. & Mont., 1903, 117–121, pl. 3, figs. 1–6 (*Naucratus ductor*).
- ANCYROCOTYLINÆ Mont., 1903, 335 (subf. of *Tristomidae*).
- ANGIODICTYUM Looss, 1902m, 648 (misprint for *Angiodictyum*).
- ANGIODICTYIDÆ Looss, 1902m, 484, 617–684 (anat. histol.) 683 (diagnosis, key to genera), 699, 843 (contains *Deuterobaris*, *Octangium*, *Microscaphidium*, *Angiodictyum*, *Polyangium*).
- ANGIODICTYUM Looss, 1902m, 433, 632, 634, 639, 641, 642, 645, 647, [648], 652, 657, 658, 659, 665, 666, 668, 675, 679, 681, 683, 684, 688–689 (diagnosis, m. *parallelum* [Looss]), 691, 698, 699.
- 1902: *Angiodictyum* Looss, 1902m, 648.
- parallelum* (Looss, 1901) Looss, 1902m, 632, 689–690, 696, 698, pl. 29, figs. 134–136, pl. 30, figs. 137–142.
- ANISOCADIUM Looss, 1902e, 637, new name for *Anisogaster* Looss, 1901, 658 (not *Anisogaster* Deyr, 1863, coleopteron), hence type *fallax*; 1902m, 789.
- fallax* (Rud., 1819) Looss, 1902m, 789.
- ANISOCELIINÆ Looss, 1901e, 658.
- ANISOCELINÆ Pratt, 1902a, 888, 894 (key), 899 (for *Anisoceliinae* Looss) contains *Anisocellium* and *Anisogaster*.
- ANISOCELIUM Luehe, 1900, 504–507 (m. *capitellatum*).—Looss, 1901, 656, 658, 659; 1901, 206.—Odhn., 1905, 314.—Pratt, 1902a, 888, 895 (key), 899.
- capitellatum* (Rud., 1819) Luehe, 1900, 504–507, 508; 1901, 399.—Hollack, 1902a, 868.—Looss, 1901, 656–658, 659, 660, fig. 12; 1902, 789.—Stoss., 1901, 97 (in *Uranoscopus scaber*) (9).
- ANISOCOTYLINÆ Mont., 1903, 336 (f. *Monocotylidæ*); 1904, 118; 1905, 70, 71; 1905, 117.

**ANISOGASTER** Looss, 1901e, 658 (tod. fallax Rud.) [not *Anisogaster* Deyr, 1863, coleopteron]; renamed *Anisocladium* Looss, 1902e, 637; 1902e, 789.—Pratt, 1902a, 888, 894 (key), 899.

*fallax* (Rud., 1819) Looss, 1901e, 658–660, 661, fig. 13.

*gracilis* Looss, 1901e, 660–661, fig. 14 (in *Uranoscopus scaber*; Triest).

“**ANOICTOSTOMA** Stoss.” of Braun, 1899, 789, for *Anoiktost.* 1901b, 34; 1901f, 568; 1902b, 28, 30, 31.

*planicolle* (Rud., 1819) Braun, [1901f, 567;] 1902b, 28–31, fig. 20 (syns.: *Dist. planicolle* Rud., 1819; Duj., 1845; *D. (Echinost.) planicolle* Brand., 1892; *Monost. echinostomum* Dies., Mont.).

**ANOIKTASTOMA** Pratt, 1902a, 888, 894 (key), for *Anoiktost.*; related to *Centrocestinae*.

**ANOIKTOSTOMA** Stoss., 1899, 11, 15–16 (*coronatum*=*corvinæ*=*alloysiæ*).—Looss, 1899b, 580, 581, 582, 583 (tld. *coronatum*=*corvinæ*=*alloysiæ*), 625.

1899: *Anoictostoma* Braun, 1899, 789.

1901: *Anoictostoma* Vaulleuard, 1901, 143.

1902: *Anoiktastoma* Pratt, 1902a, 888, 894 (key).

*alloysiæ* (Stoss., 1885) Stiles & Hass., 1908, 99.

*cesticillus* (Mol., 1858) Stoss., 1899, 15 (includes *Dist. bicoronatum* Stoss., 1883, 113, pl. 1, figs. 1–3) (in *Corvina nigra*, *Umbrina cirrhosa*, *Lophius piscatorius*, *Zeus faber*).—Looss, 1899b, 576 (type of *Stephanost.*).

*coleostomum* (Looss, 1896) Stoss., 1899, 15.—Looss, 1899b, 585 (type of *Ascocotyle*).

*coronarium* (Cobbold, 1861) Stoss., 1899, 16 (int. of *Alligator mississippiensis*).—Looss, 1899b, 578 (to *Acanthost.*); 1901 (to *Acanthochasmus*).

*coronatum* (Wagener, 1852) Stoss., 1899, 15 (including *Dist. corvinæ* and *Dist. alloysiæ* Stoss.) (int. of *Corvina nigra*); [name not available, see *corvinæ*] (type by designation of Looss, 1899b, 583).

*corvinæ* (Stoss., 1886) (type by designation, Looss, 1899b [581–583], [see *alloysiæ* 1885]).

*cuspidatum* (Looss, 1896) Stoss., 1899, 15 (int. of *Milvus parasiticus*; Egypt).—Looss, 1899b, 584 (to *Centrocestus* as type).

*fallax* (Rud., 1819) Stoss., 1899, 16 (intest. of *Uranoscopus scaber*.—Type of *Anisogaster*, 1901; type of *Anisocladium*, 1902.

*hystrix* (Duj., 1845) Stoss., 1899, 15 (stomach of *Lepidoleprus trachyrhynchus*, *Lophius piscatorius*, *Merlangus carbonarius*, etc.).—Looss, 1899b, 576 (to *Stephanost.*).

*imbutiforme* (Mol., 1859) Stoss., 1899, 16 (intest. of *Labrax lupus*).

*inflatum* (Mol., 1859) Stoss., 1899, 16 (as doubtful) (intest. of *Anguilla*).

*lydiæ* (Stoss., 1896) Stoss., 1899, 15 (intest. of *Orthagoriscus mola*).—Looss, 1899b, 576 (to *Stephanost.*).

*planicolle* (Rud., 1819) Braun, [1901e, 567 (sub *Anoictost.*);] 1902b, 28, fig. 20 (includes *Dist. planicolle* Rud., 1819a, 687; Duj., 1845a, 430; *Monost. echinostomum* Dies., 1850a, 326; Mont., 1892, 30; *Dist. (Echinost.) planicolle* of Brand., 1892, 506).

*pristis* (Deslongchamps, 1824) Stoss., 1899, 15 (intest. of *Gadus euxinus*).—Looss, 1899b, 576 (to *Stephanost.*).

*scabrum* (Mueller, 1788) Stoss., 1899, 16 (intest. of *Gadus morrhua*, *Merlangus pol-lachius*, *Lota molva*).—Looss, 1899b, 582 to *D. (Hemiurus)*.

*sobrinum* (Levin., 1881) Stoss., 1899, 15 (intest. of *Cottus scorpius*).—Looss, 1899b, 576 (to *Stephanost.*).

*spiniceps* (Looss, 1896) Stoss., 1899, 15 (in intest. of *Bagrus bayad*).—Looss, 1899b, 578, 582 (to *Acanthosomum* as type).

**ANOITOSTOMA** Vaulleuard, 1901, 143 (misprint for *Anoiktost.*).

**ANOPLODISCUS** Sons., 1890, 172 (m. *richiardi*); 1891, v. 15, 147–148.—Braun, 1891d, 422; 1893a, 890.—Gamb., 1896a, 73.—St.-Remy, 1898, 522, 524.—Mont., 1892, Oct. 7, 213 (g. of *Calceostominae*); 1903, 336 (subf. *Anisocotylinæ*); 1905, 65, 66, 68, 70.—Pratt, 1900a, 646 (key), 654.

*richiardi* Sons., 1890, v. 7, 16. Nov., 172 (t. h. *Pagrus orphus*); 1891, v. 15, 147–148.—Braun, 1891d, 422.—Mont., 1891, 108; 1905, 65–68, figs. 1–3 (host *P. orphus*).—Par., 1894, 138, 672, at Pisa.

ANTHOCOTILE Par. & Perugia, 1890, 11, 13, for Anthocotyle.

ANTHOCOTYLE Ben. & Hesse, 1863; 1864, 96, 104 (m. merluccii).—Braun, 1890a, 413, 415, 516, 517, 523, 534, 536, 546; 1893a, 890.—Cerf., 1895d, 476-478; 1895e, 510-527, 1 pl., figs. 1-9; 1895g, 536; 1895h, 913, 918, 920; 1896b, 422-423; 1896d, 497-510, 514, 515; 1899a, 345, 391.—Gamb., 1896a, 73.—Hoyle, 1890, 539 ("one species (A. merluccii) found in the hake").—Mont., 1888a, 11, 66, 86, 89, 99; 1892, Oct. 7, 213 (subf. of Octocotylinæ); 1903, 336, (subf. Diaphrocotylinæ).—Pratt, 1900a, 646, 653 (key), 656, fig. 37.—St.-Remy, 1898, 556.—Scott, 1901, 148.—Sons., 1895, v. 6 (6), 118-121; 1896, June 4, 790.—Tasch., 1879, 69; 1879, 238, 247.

*merluccii* Ben. & Hesse, 1863; 1864, 105, pl. 10, figs. 8-12 (in *Merluccius vulgaris*).—Cerf., 1895e, 510, 511-525, figs. 1-8; 1896, 497, 500, 510; 1896, 498-509.—Par. & Perugia, 1890, 7.—Pratt, 1900a, 656, fig. 37, 657.—Scott, 1901, 148, pl. 8, fig. 4 (in *Merluccius merluccius*; Aberdeen); 1905, 117.—Staff., 1904, 482 (gills of *Merluccius bilinearis* Mit.; Canada).

*merluccii* Tasch., 1879, 247 (for *merluccii*)—Braun, 1900a, 419, 453, 510, 536, 548, 551.—Hoyle, 1890, 539.—Mont., 1888, 7, 8.—Sons., 1895, 118, 119, 120.

(A POBLEMA) Duj., 1845a, 383, 389, 420, as subg. of Dist.; raised to generic rank by E. Bl., 1847, 302. See Apoblema and Hemimurus. Type *appendiculatum*.

*affine* (Rud., 1819) Stoss., 1886, 44.—See *Derogenes*.

*apertum* (Rud., 1819) Duj., 1845a, 422.

*appendiculatum* (Rud., 1802) Duj., 1845a, 420-421.—Braun, 1891d, 423. See Apoblema.

*caudiporum* (Rud., 1819) Duj., 1845a, 422. See *Lecithochirium*.

*crenatum* (Mol., 1859) Stoss., 1886, 58. See Apoblema.

*excisum* (Rud., 1819a) Stoss., 1886, 58. See Apoblema.

*grandiporum* (Rud., 1819a) Stoss., 1886, 63. See Apoblema.

*labri rupestris* (Ols., 1876) Stoss., 1886, 51.

*mollissimum* (Levin., 1881) Stoss., 1886, 58. See Apoblema.

*ocreatum* (Rud., 1802) Duj., 1845a, 422-423.—Type of *Pronopyge*, 1899. See Apoblema.

*raynerianum* (Nardo, 1827) Stoss., 1886, 58.

*rufoviride* (Rud., 1819a) Duj., 1845a, 421. See Apoblema.

*tornatum* (Rud., 1819a) Duj., 1845a, 421-422. See Apoblema.

*ventricosum* (Rud., 1819) Stoss., 1886, 59. See Apoblema.

APOBLEMA (Duj., 1845) E. Bl., 1847, 302-303 (*appendiculatum*).—Bettend., 1897a, 17; 1897, 321.—R. Bl., 1891, 609.—Brand., 1891b, 267; 1891d, 19, 20.—Braun, 1891d, 423; 1892a, 570, 590, 603, 608, 641, 682, 710, 713, 715, 720, 721, 744; 1892h, 728, 729; 1893a, 838, 879, 885, 886, 890, 893, 894, 909, 911; 1895, 128, 138; 1899, 3; 1900h, 3.—Dies., 1850a, 331 (syn. of Dist.).—Hausmann, 1897b, 38.—Juel, 1889a, 46 pp., figs. 1-18 (anatomy); 1889b, 46 pp., figs. 1-18; 1890a, pp. 54-55.—Kath., 1894a, 130.—Looss, 1894a, 122, 129, 142, 170, 200, 201, 204, 224; 1894d, 42; 1896b, 122, 123, 125, 127, 134; 1899, 527, 535, 538, 542, 582, 637, 638, 729; 1902, 756, 839.—Luehe, 1900, 509; 1901, 394, 484.—Mont., 1888a, 92, 105; 1891d, 496, 522, 1 pl.; 1891e, 32 pp., 17 figs.; 1892, Oct. 7, 214 (gen. of Distominae); 1891h, 742; 1893, 6, 27, 33, 34, 43, 53, 61, 84, 85, 86, 88, 90, 107, 123, 149, 151, 152, 153, 154, 182.—Nickerson, 1902, 609.—Ofenheim, 1900, 156, 179, 181.—Pratt, 1898, 352, 368, 375.—Stiles, 1901, 177, 178, 197.—Stiles & Hass., 1898a, 83, 90, 91 (syn. of *Hemimurus*).—Stoss., 1892, 4; 1898, 27. See *Hemimurus*.

1904: Apoblema Linst., 1904, 252, misprint.

*appendiculatum* (Rud., 1802) E. Bl., 1847, 302-303, pl. 12, fig. 3.—Barbagallo & Drago, 1903, 409 (in *Lichia amia*, *Lophius piscatorius*, Cantania; *Scomber colias*, S. scomber).—Braun, 1892a, 714.—Dies., 1850a, 371 (to Dist.).—Juel, 1889, 4, 5, 7, 8, 13, 19, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 39, 41, fig. 17.—Lander, 1904a, 4, to (*Hemimurus*). 7, 14.—Looss, 1894a, 224; 1896, 123, 124, 125, 131-140, pl. 9, figs. 88-90 (in *Alosa finta*, Cairo).—Luehe, 1901, 396, 397, 399, 400.—Mont., 1891, 501, 502-508, 513, 516, 517, 518, 520, 521 (syns. D. app. Dies., 1858, D. *ventricosum* Wagener, 1860, D. *ocreatum* Olsson, 1868); 1891, 9; 1891, 502; 1891, 11, 12; 1893, 27, 61, 84, 95, 191, pl. 1, fig. 3.—Mueh., 1898, 21.—Odh., 1905, 350, 351.—Par., 1902, 5 (in *Clupea alosa*, *Scomber colias*, S. scomber).—Pratt, 1898, 351-388, 3 pls. (anat., life history); 1900, 371.—Stoss., 1898, 28-29.—Also reported for *Acipenser sturio*, *Trutta salar*, *Pseudocalanus elongatus*.

## APOBLEMA—Continued.

*crenatum* (Rud., 1802) Juel, 1889, 5, 7, 54.—Mont., 1893, 95.—Stoss., 1898, 27–28.  
*crenatum* of Mol.—Juel, 1889, 5, 7, 34.—Mont., 1891, 520, 521, 522; 1893, 95.—  
 Stoss., 1898, 27–28 (in *Merlucius esculentus*; Triest).

*excisum* Mont., 1891, 520 (for *excisum*).

*excisum* (Rud., 1819) Juel, 1889, 5, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 38, 39, 40, 41, figs. 1–16.—Braun, 1892, 48; 1892a, 607, 609, 711, 713, 744; 1892h, 728, 729.—Lander, 1904a, 7, 21, 24.—Looss, 1894a, 173, 210, 216, 224; 1896b, 133.—Luehe, 1898, 624.—Mont., 1891, 503, 517, 520 (*excisum*), 521, 522; 1893, 6, 7, 95.—Pratt, 1898, 356.—Par., 1902, 5 (in *Scomber colias*, *S. scomber*), 375.—Stoss., 1898, 28.

*grandiporum* Mol. See Mont., 1891, 521.

*grandiporum* (Rud., 1819a) Juel, 1889, 6, 7, 23, 29, 34.—Looss, 1896b, 123; 1899, 641 (to *Hemius*).—Mont., 1891, 520.

*labri rupestris* (Olss., 1876) Mont., 1891, 518, 522.

*microporum* (Mont., 1889) Mont., 1891, 516, 521.

*mollissimum* Mont., 1893, 96 (for *mollissimum*).

*mollissimum* (Levin., 1881) Juel, 1889, 6–7, 29, 34.—Jacoby, 1900, 3.—Lander, 1904a, 14, 20 (to *Hemius*).—Looss, 1896b, 121–130, 136, pl. 9, figs. 85–87 (in *Aloea finta*); 1899b, 641 (to *Hemius*), 728 (*H. bothryophorus*) (in *Aloea finta*; Egypt).—Mont., 1891, 520 (*mollissimum*), 521 (*mollissimum*); 1893, 95, 102, 105.—Odhn., 1905, 359 (of Looss, 1896, as syn. of *Lecithaster confusus*).—Ofenheim, 1900, 179.—Staff., 1904, May 3, 484 (of Levin., as syn. of *Lecithaster bothryophorus*).—Stoss., 1898, 29–30.

*mollissimum* Mont., 1891, 521 (for *mollissimum*).

*mollissimum* Mont., 1891, 520 (for *mollissimum*).

*ocreatum* (Olss., 1868 nec Rud.) Mont., 1891, 520.

*ocreatum* (Rud., 1802a) Juel, 1889, 4–5, 7, 31, 33, 34, 40.—Braun, 1891d, 423; 1892a, 643.—Lander, 1904a, 1 (of Juel, syn. of *Hemius crenatus* (Rud.)).—Looss, 1899b, 639 (=Dist. *carolinæ* Stoss., type of *Pronopyge*, 1899).—Luehe, 1901, 399.—Mont., 1891, 15; 1891, 501, 508–512, 514, 516, 521, pl. 4, figs. 1, 5, 7, 10, 11, 14, 15c (syns. *D. ventricosum* Ben., *D. carolinæ* Stoss., 1889); 1893, 508; 1893, 61, 84, 95, 98, 99, 102, 191, pl. 1, fig. 16.—Pratt, 1898, 352.—Stoss., 1898, 29.

*rufoviride* (Rud., 1819) Juel, 1889, 6, 7, 8, 13, 19, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 39, 41, fig. 18.—Barbagallo & Drago, 1903, 409 (in *Anguilla vulgaris*, *Conger vulgaris*; Catania).—Braun, 1892a, 711.—Jacoby, 1900, 3.—Lander, 1904a, 7.—Looss, 1894a, 224.—Mont., 1891, 520, 521; 1893, 53, 95, 191, pl. 1, fig. 5.—Par., 1902, 5 (in *Anguilla vulgaris*, *Conger vulgaris*, *Nettastoma melanura*, *Rhombus levis*, *Saurus griseus*, *Trigla cuculus*).—Stoss., 1898, 29.

*scabrum* (Mueller, 1788) Juel, 1889, 5.—Mont., 1891, 520.

*shuiteri* (Brock, 1886) Braun, 1892, 48; 1892h, 729; 1893b, 179.—Looss, 1894a, 234 (to *Euryœlum*, type).

*stossichi* Mont., 1893, 87 (for *stossichii*).

*stossichii* Mont., 1891, 501, 502, 512–516, 520, 521, pl. 4, figs. 2, 3, 4, 8, 9, 13, 15a, 16, 17 (syn. Dist. *ocreatum* Mont., v. 1, p. 87 (in *Clupea aurita* Cuv., *C. pilchardus* Wall.); 1891, 19 (*D. ocreatum* p. p.); 1893, 53, 61, 95, 96.—Barbagallo & Drago, 1903, 410 (*stossichi*) (in *Aloea sardina*; Catania).—Jacoby, 1900, 3.—Luehe, 1901, 399.—Odhn., 1905, 351.—Stoss., 1898, 30.

*tornatum* (Rud., 1819) Juel, 1889, 6, 29, 31, 34, 40.—Looss, 1896, 125.—Mont., 1891, 516, 520, 521; 1893, 95.

*ventricosum* (Rud., 1819) Mont., 1893, 191.

[APOLEMA Hulst, see Zool. Rec., 1896, v. 33, Ins. 250.]

APOPLEMA Linst., 1904, 252 (for Apoblema).

APOROCOTYLE Odhn., 1900, 62–66 (m. simplex).

*simplex* Odhn., 1900, 62–66, 1 fig. (on gills of *Pleuronectes flesus* and especially *Pl. limanda*, the latter given as type host; Kristineberg, Sweden).—Mont., 1903, 335.

ASCOCELI Burm., 1837, 531.—Braun, 1890a, 515 (includes *Gyrodactylus*, *Hirudine*).—Mont., 1888, 83.—Tasch., 1879, 233.

**ASCOCOTYLE** Looss, 1899b, Dec., 584–585, 586, 611 (tod. coleostoma); *ὁ ἀσκός*, Schlauch; *ἡ κορύλη*, Napf; 1902m, 441, 824, 832, 833.—Braun, 1902b, 30.—Jägers., 1903a, 14.—Pratt, 1902a, 888, 894 (key).

*coleostoma* (Looss, 1896) Looss, 1899b, 582, 585, 699.

*minuta* Looss, 1899b, 585, 698–699 (in middle portion of small intest. of dogs and cats, in Cairo, Egypt, and in intest. of *Ardea cinerea* at Damietta; probably contracted from eating fish), 700, 701, fig. 23; 1901, 205.

**ASPIDOBOTHRIA** Mont., 1888, 91 (f. for *Aspidogaster*); 1892, Oct. 7, 195.—Braun, 1893b, 188.

**ASPIDOBOTHRIDÆ** Mont., 1888, 51 (*Aspidobotridæ*), 63, 67 (*Aspidobothridæ*), 71, 72, 90, 91 (*Aspidobotridæ*), 103, 107, 108; 1892, Oct. 7, 168 (revision), 195, 196, 197, 198 (diagnosis), 199 (key), 198–209, 213 (f. of *Aspidocotylea*); 1893, 36, 82, 114.—Braun, 1893a, 886, 888, 890, 891, 894, 895; 1893b, 188.—Gamb., 1896a, 73.—Kofoid, 1899, 179.—Nickerson, 1901, Mar. 8, 378; 1902, 597, 599, 606, 608, 612, 613, 614, 616.—Poche, 1907, 125.—Pratt, 1902a, 887, 891 (key; contains: *Macraspis*, *Stichocotyle*, *Aspidocotylus*, *Platyaspis*, *Cotylaspis*, *Cotylogaster*, *Aspidogaster*, *Lophotaspis*).—Stoess., 1898, 19 (*Aspidobothridæ*), 1899, 3, 4.

**ASPIDOBOTHRII** Burm., 1856a, 252.—Braun, 1890a, 516; 1893b, 188.—Mont., 1888, 84, 107.—Poche, 1907, 125.—Tasch., 1879, 233, 258.

**ASPIDOBOTRIDÆ** Mont., 1888, 52, 63, 91 (for *Aspidobothridæ*); 1892, Oct. 7, 213 (f. of *Aspidocotylea*).

**ASPIDOCOTYLEA** Mont., 1892, Oct. 7, 213 (suborder of Trematoda, for *Aspidobothridæ*).—Braun, 1893a, 890, 891, 894, 895, 917; 1893b, 188; 1895, 136.—Gamb., 1896, 73.—Kofoid, 1899, 179.—Looss, 1899, 543.—MacCallum, 1902, 636.—Odhn., 1902, 43, 44, 45.—Pratt, 1900a, 645, 646 (included in *Digena* of Ben.), 647 (key); 1902a, 887, 891 (key).—Schneidemuehl, 1896, 295.—Ward, 1903, 864.

1896: *Aspidokotylea* Schneidemuehl, 1896, 295.

**ASPIDOCOTYLE** Dies., 1850a, 288, 413 (m. mutabile) for *Aspidocotylus*; 1858e, 314, 372.—Braun, 1890a, 546; 1893a, 887, 888, 890, 891, 892, 895, 904 (g. of *Amphistomidæ*), 907, 918; 1893b, 188.—Burm., 1856a, 251.—Hoyle, 1890, 539.—Kofoid, 1899, 181.—Looss, 1902, 428.—Mont., 1888a, 89, 91; 1892, 207; 1892, Oct. 7, 196, 197, 198, 213 (g. of *Aspidobothridæ*).—Nickerson, 1902, 612.—Pratt, 1900a, 647.—Tasch., 1879, 256, 259–260.

1892: *Aspitocotyle* Mont., 1892, Oct. 7, 197, misprint.

*cochleariforme* (Dies., 1838) Mont., 1892, Oct. 7, 207–208, fig. 6 (in *Cichla temensis*; Rio Negro, Brazil) (syn. mutabile).

*mutabile* (Dies., 1839) Dies., 1850a, 413 (int. of *Cataphractus* n. sp.; Rio Negro, Brazil) (includes *A. cochleariformis* as syn.).—Braun, 1893a, 907 (in *Cichla temensis*; Brazil).

*mutabilis* (Dies., 1839) Dies., 1858e, 372 (in *Cichla temensis* Humboldt).—Tasch., 1879, 256, 260 (syns. *Aspidocotylus cochleariformis* Dies., *A. mutabilis* Dies.) (in *Cataphractus* sp.; Rio Negro).

[**ASPIDOCOTYLEEN** Looss, 1902m, 418. German name.]

**ASPIDOCOTYLUS** Dies., 1838a, 189; 1839a, 234 (m. mutabilis); 1850a, 413, renamed *Aspidocotyle*.—Braun, 1892a, 568; 1893a, 879, 884.—Cobbold, 1877f, 326; 1877, 235, 237, 238; 1879b, 360.—Crep., 1841, 82.—Duj., 1845a, 479.—Lejtenyi, 1881a, 2.—Nord., 1840, 601.—Pratt, 1902a, 887, 891 (key).

1850: *Aspidocotyle* Dies., 1850a, 288, 413 (m. mutabile).

*cochleariformis* Dies., 1838a, 189 (in *Cataphractus* N. 150); 1839a, 234; 1850a, 413 (syn. of *Aspidocotyle mutabile*).—Cobbold, 1877, 237.—Mont., 1892, Oct. 7, 207 (to *Aspidocotyle*).—Tasch., 1879, 260 (syn. of *Aspidocotyle mut.*).

*mutabilis* Dies., 1839a, 234, pl. 15, figs. 20–22 (in *Cataphractus*; Rio Negro, Brazil) *A. cochleariformis*, renamed; 1850a, 413 (to *Aspidocotyle*); 1858e, 372.—Braun, 1892a, 580.—Cobbold, 1877, 237, 238; 1879b, 360.—Crep., 1841, 82.—Duj., 1845a, 479.—Mont., 1892, Oct. 7, 207 (syn. of *Aspidocotyle cochleariforme*).—Nord., 1840, 601 (in *Cataphractus* sp.; Amériq. méridion.).—Tasch., 1879, 260 (to *Aspidocotyle*).

*sonsinoii* (Cobbold, 1877) Cobbold, 1877e, 238, to *Gastrodiscus*.

**ASPIDODASTER** Mont., 1892, Oct. 7, 213, misprint for *Aspidogaster*.

**ASPIDOGASTER** Baer, 1826a, 124; 1827b, 525-557 (m. *conchicola*); 1828e, 671-678.—Ben., 1858a, 1861a, 11, 172, 345; 1882b, 14, 15, 16.—Bettend., 1897, 339.—Blainv., 1828, 584-585.—Blochmann & Bettend., 1895a, 216, 217.—Braun, 1890a, 480, 515, 516; 1890b, 127; 1892a, 568, 576, 586, 603, 614, 660, 671, 672, 673, 675, 688, 689, 704, 709, 711, 715, 716, 730, 731, 757, 758, 774, 775, 777, 779, 792, 843, 879, 884, 886, 887, 888, 889, 890, 891, 894, 896, 897, 917; 1893b, 177, 178, 179, 187, 188; 1894a, 1149; 1895, 26, 125.—Burm., 1837, 530; 1856a, 240, 252.—Carus, 1863, 478.—Cobbold, 1877, 238.—Crep., 1839, 285-286.—Dies., 1835c, 427; 1839a, 234; 1850a, 288, 414; 1858e, 314, 372-373; 1859c, 438.—Duj., 1845a, 324.—Eichwald, 1829a, 248.—Fraip., 1880c, 418, 443, 445.—Gamb., 1896, 63, 73.—Goldb., 1855a, 18.—Hoyle, 1890, 539.—Jackson, 1888, 642, 643, 646, 654.—Kofoid, 1899, 180, 181, 182, 183, 184.—Lander, 1904a, 5, 10.—Leuck., 1863, 489; 1879, 93, 119, 150, 151; 1886d, 70, 90, 117.—Looss, 1893b, 814; 1894a, 212; 1901, 625; 1902m, 428, 429, 430.—Mont., 1888, 12, 37, 38, 40, 43, 52, 56, 57, 63, 68, 71, 72 (*Aspdogaster*), 83, 84, 89, 91, 95, 103, 107; 1891, 121; 1892, Oct. 7, 170, 172, 175, 176, 180, 184, 185, 186, 187, 188, 189, 194, 195, 196, 197, 198, 199-205, 199 (syns.: *Monost. Rud.*, 1819a, 87; *Aspidonotus* Keber, 1851; *Cotylaspis* Leidy, 1857, 18), 199 (*diagnosis*), 200 (key), 213 (g. of *Aspidobothridae*); 1893, 36, 111.—Moul., 1856a, 235.—Nickerson, 1902, 599, 603, 604, 605, 609, 610, 612, 614, 617, 619.—Nord., 1840, 603 (1. *conchicola*; 2. *limacoides*).—Pag., 1857, 6.—Par., 1894, 140.—Poche, 1907, 125.—Poir., 1885, 102; 1886, 20, 21.—Pratt, 1902a, 887, 892 (key).—Raspail, 1829, v. 22, 556-564.—Shipley, 1904, in 77-106.—Staff., 1900, 405, 412; 1903, 824.—Stoss., 1899, v. 19, in 1-6, 1. pl.—Tasch., 1879, 233, 255, 258 (syns. *Monost. Rud.*, *Aspidonotus* Keber).—Volz, 1899, 232.—Wagener, 1857, 25, 29.—Wallenstedt, 1847, 7.

1851: *Aspidonotus* Keber, 1851a, 19 (m. *conchicola*).

1888: *Aspdogaster* Mont., 1888, 72, misprint.

1892: *Aspidodaster* Mont., 1892, Oct. 7, 213, misprint.

*ascidiæ* Dies., 1858e, 373 (in *Mentula marina*, by Redi), sp. inq., based on Baer, 1827b, 549 (Redi's worm in *Ascidia mentula*).

*cochleariformis* (Dies., 1838) Cobbold, 1879b, 360 (syn. of *Cotylegaster cochleariformis*), lapsus, see *Gastrodiscus sonsinoi*.

*conchicola* Baer, 1826a, 124 (in *Anodonta*, Unio; Prussia); 1827b, 527-557, pl. 28; 1828, 671-678.—Aubert, 1855, 349-376, pls. 14-15 (anat., development).—Ben., 1858a, 1861a, 206, 210.—Bettend., 1897a, 25.—Blainv., 1828a, 584.—Blochmann & Bettend., 1895a, 216.—Braun, 1883a, 41; 1892a, 579, 592, 597, 598, 602, 631, 632, 637, 639, 640, 641, 642, 645, 655, 677, 678, 679, 687, 693, 699, 707, 712, 713, 715, 725, 731, 747, 749, 776, 780, 783, 790; 1893a, 841, 869, 870, 880, 883, 891, 897; 1893b, 183 (in *Vivipara unicolor*; *Cleopatra bulimoides*); 1893d, 468.—Burm., 1837, 530.—Crep., 1839, 286.—Dies., 1834a, 1231; 1835c, 423, 427; 1858e, 373 (in *Unio purpureus*, *U. nasutus*, *U. radiatus*, *U. cariosus*, *U. pictorum*, *Anodonta marginata*, *A. anatina*); 1859c, 438.—Duj., 1845a, 324-327.—Eichwald, 1829a, 248.—Fil., 1855b, 20; 1857c, 22, 27.—Fraip., 1880c, 418.—Gamb., 1896a, 63.—Gronkowski, 1902a, 515 (88) (*conchicole*).—Hoyle, 1890, 539, fig. 3f, 540 (description).—Jackson, 1888, 650.—Jägers., 1899, 203.—Kath., 1894a, 131.—Keber, 1851a, 19, 90.—Kofoid, 1899, 179, 180, 181, 182, 183, 184, 185.—Kuech., 1855, 184, 185; 1856c, 277.—Leidy, 1851b, 224; 1856b, 45; 1857a, 18; 1858a, 110 (*Anodonta fluviatilis* and *A. lacustris*; Phila.); 1877f, 260; 1904a, 53, 88, 108, 110, 111, 148.—Leuck., 1879, 149, figs. 48, 74; 1886d, 115, figs. 48, 74.—Looss, 1894a, 203; 1901, 624; 1902m, 420, 428.—Maclaren, 1904, 609.—Mont., 1888, 40, 43 (*conchiola*); 1891, 100, 103, 109, 121; 1892, Oct. 7, 172, 186, 188, 191, 195, 197, 198, 200-202, 203, fig. 2 (extensive bibliography); 1893, 111, 114.—Moul., 1856a, 13 (*conchycola*), 25, 144.—Mueh., 1898, 11.—Nickerson, 1902, 606, 614, 620 (in *Unionidae*; Europe and N. America).—Nord., 1832a, 38; 1840, 603.—Odhn., 1902, 44, 45.—Pag., 1857, 35-36, pl. 4, figs. 1-5 (in *Anodonta anatina*).—Poir., 1886, 21.—Sieb., 1836, 217; 1836, 233; 1837, 263; 1838, 143, 144, 156.—Shipley & Hornell, 1904, 95, 98.—Staff., 1895, 22 July, 282-284; 1895, Oct., 536; 1896, 6 July, 477-542, pls. 36-39 (anat.); 1898, 698.—Steenstrup, 1842, 55.—Stoss., 1899, 3.—Tasch., 1879, 258-259 (syn. *Aspidonotus conchicola* Keber).—Voeltzkow, 1888, v. 8, 249-289, pls. 15-20.—Wagener, 1857, 25, 99, pl. 16, figs. 1-3; 1858, 383.

*conchicole* Gronkowski, 1902a, 515, for *conchicola*.

*conchilega* Braun, 1883a, 41, for *conchicola*.

*conchiola* Mont., 1888, 40, 43, for *conchicola*.



## ASPIDOGASTER—Continued.

*conchycola* Dies., 1850a, 414 (for *conchicola*).

*elegans* (Ols., 1868) Mont., 1891, 122 (see 1888, 91); 1892, Oct. 7, 196.

*insignis* (Leidy, 1858) Braun, 1893a, 897.—Kofoid, 1899, 184.—Shipley & Hornell, 1904, 98.

*lenoiri* Poir., 1886, 20–22, pl. 1, figs. 1–3 (in *Tetrathyra vaillantii*; Sénégal).—Braun, 1892a, 580, 716; 1893a, 888, 891; 1893b, 188.—Kofoid, 1899, 181, 182, 184.—Mont., 1888, 42; 1891, 121, 122; 1892, Oct. 7, 198; 1893, 111.—Nickerson, 1902, 613.—Sons., 1896, 294.—Stoss., 1899, 4.

*lenoirii* Mont., 1888, 16, 38, 53, 54, 60, 71, 107 (for *lenoiri*).

*limacoides* Dies., 1834a, 1231; 1835c, 420–430, 1 pl., figs. 1–19 (in *Cyprinus dobula*, C. idus); 1850a, 414–415 (intest. of *Leuciscus idus*, L. *dobula*); 1858e, 373.—Braun, 1892a, 580; 1893a, 897.—Crep., 1839a, 286.—Duj., 1845a, 327.—Jackson, 1888, 650.—Kofoid, 1899, 184.—Kroyer, 1846–53a, 462 [671] (in *Leuciscus idus*).—Looss, 1902m, 420.—Mont., 1888, 71; 1891, 109, 121, 122; 1892, Oct. 7, 172, 195, 200, 202–203, fig. 3; 1893, 114.—Nickerson, 1902, 620 (in *Leuciscus* sp.; Europe).—Nord., 1840, 603.—Shipley & Hornell, 1904, 98.—Stoss., 1899, 3.—Tasch., 1879, 259 (in *Leuciscus idus*, L. *dobula*).—Voeltzkow, 1888, v. 8, 290–292.

*macdonaldi* Mont., 1891, 120; 1892, Oct. 7, 200, 203–204, fig. 4 [in Melo; Shark Bay, Australia].—Braun, 1893a, 870, 897; 1893d, 468.—Looss, 1901, 625; 1902m, 429, 430 (probably belongs to *Lophotaspis*).—Nickerson, 1902, 604, 620 (in Melo; Australia).—Shipley & Hornell, 1904, 98.—Stoss., 1899, 3.

*macdonaldii* Mont., 1891, 121, 122, for *macdonaldi*.

*margaritifera* Shipley & Hornell, 1904, 78, 90, 95–98, pl. 4, figs. 60–62, 66, 68, 69 (*Margaritifera vulgaris*; at Cheval Paar, Ceylon); 1905, 55.

*ringens* Lint., 1905, 327, 333, 367, 397, figs. 243–249 (in *Micropogon undulatus*, *Trachinotus carolinus*; Beaufort, N. C.).

sp. Braun, 1892a, 595.

*vallei* Stoss., 1899, 3–4, figs. 6–8 (in *Thalassochelys caretta*, at Corfù).—Looss, 1902m, 415, 418 (to *Lophotaspis* as type) (stomach of *Thalassochelys corticata*; Egyptian coast), 746.

## ASPIDOGASTRIDE Poche, 1907, 125.

ASPIDOKOTYLEA Schneidemuehl, 1896, 295 (for *Aspidocotylea*).

ASPIDONOTUS Keber, 1851a, 19–20, 65, 66, 69, 90 (new name for *Aspidogaster*, hence type *conchicola*).—Braun, 1893a, 896.—Mont., 1892, Oct. 7, 199 (syn. of *Aspidogaster*).—Tasch., 1879, 258 (syn. of *Aspidogaster* Baer).

*conchicola* (Baer, 1826) Keber, 1851a, 19, 65, 66, 69, 90; 1854, 45.—Dies., 1858e, 373 (to *Aspidogaster*).—Mont., 1892, Oct. 7, 200, 201 (to *Aspidogaster*).—Tasch., 1879, 259 (to *Aspidogaster*).

ASPIDOCOTYLE Mont., 1892, Oct. 7, 197 (for *Aspidocotyle*).

ASPTDOGASTER Mont., 1888, 72, misprint for *Aspidogaster*.

ASPYLOGASTER Mont., 1892, Oct. 7, 187 (for *Cotylogaster*).

ASTIA Looss, 1899b, 590–591, 592 (tod. *renifera*) [not *Astia* Koch, 1879, *Arach.*; *Astea*, *Asteia*, *Asteja*], *δρεῖος*, feingebildet; 1900, 602 (renamed *Astiotrema*).—Braun, 1901b, 37.—Pratt, 1903, 34.

*impleta* Looss, 1899b, 590, 703–705, fig. 26 (intestine of *Tetrodon fahaka*; in Nile, at Cairo, Egypt).—Braun, 1901b, 37.—Luehe, 1900, 561.

*renifera* (Looss, 1898) Looss, 1899b, 590.

ASTIOTREMA Looss, 1900, Dec. 3, 602, 607, *Astia* Looss, 1899 [not Koch, 1879, *Arach.*], renamed, hence type *renifera*; 1901, 560; 1902, 487, 505, 821.—Pratt, 1902a, 888, 899 (key).

*erincea* (Poir., 1886) Stoss., 1904, 2 (in *Delphinus delphis*).

*impleta* (Looss, 1899) Stoss., 1904, 2 (in *Tetrodon fahaka*).

*monticellii* Stoss., 1904, 2–3, fig. 3 (in *Tropidonotus viperinus*; Naples).

*renifera* (Looss, 1898) Stoss., 1904, 2 (in *Trionyx nilotica*; Egypt).—Staff., 1905, Apr. 11, 693 (in *Trionyx nilotica*).

ASTOMUM Schlotthauber, 1860, 129 (m. *poricola*).

*poricola* Schlotthauber, 1860, 129 (in *Anas boschas*).

ASYMPHYLODERA Kowal., 1902d, 26 [8], misprint for *Asymphyllodora*.

*perlata* (Nord., 1832) Kowal., 1902d, 26 (8).

**ASYMPHYLODORA** Looss, 1899b, Dec., 598–599 (tod. perlata); *ἀσυμφύλος*, unlike; ἡ δὲ σὰν, skin; 1902, 760.—Luehe, 1900, 487; 1901, 488.—Ofenheim, 1900, 183.—Pratt, 1902a, 888, 902 (key) (related to *Haplometrinæ*).  
1902: *Asymphylodera* Kowa<sup>1</sup>. 1902d, 26, [8].

*exspinosa* (Hausmann, 1896) Looss, 1899b, 598, 599.

*imitans* (Much., 1898) Looss, 1899b, 598.

*perlata* (Nord., 1832) Looss, 1899b, 598, 599.—Odhm., 1905, 322.

**ATHESMIA** Looss, 1899b, Dec., 635–637 (m. heterolecithodes) [not *Athetmia* 1816, lepidopteron]; *ἀθέσμιος*, gesetzlos.—Braun, 1901b, 34; 1901h, 702.—Pratt, 1902a, 889, 904 (key).—Stiles, 1901, 189.

*heterolecithodes* (Braun, 1899) Looss, 1899b, 635; 1902, 789.—Braun, 1901h, 702.—Engler, 1904, 186.—Hollack, 1902a, 867, 868.

**AURIDISTOMUM** Staff., 1905, Apr. 11, 690–691 (m. chelydræ); auris, ear.

*chelydræ* (Staff., 1900) Staff., 1905, 690 (in *Chelydra serpentina*; Canada).

**AXIME** Moul., 1856a, 10, misprint.—Cosmovici, 1887a, 127 (for *Axine*).

**AXINE** Abildg., 1794, 59–60 (m. belones) [not Oken, 1835, crustacean].—Ben., 1856c, in 643–654, 1 pl., figs. 1–21; 1858a, 1861a, 11, 52, 345.—Ben. & Hesse, 1864, 6, 96.—Braun, 1890a, 407, 414, 416, 420, 426, 437, 445, 448, 451, 453, 454, 458, 463, 468, 469, 483, 484, 485, 490, 492, 494, 498, 511, 515, 516, 517, 518, 523, 540, 541, 546; 1890b, 125; 1891d, 422.—Burm., 1837, 530; 1856a, 251.—Carus, 1863, 478.—Cerf., 1895h, 91; 1896, 514.—Cosmovici, 1887a, 127 (*Axime*).—Crep., 1839, 291.—Dies., 1850a, 290, 424, 425; 1858e, 315, 385–386.—Duj., 1845a, 317.—Gamb., 1896, 56, 73.—Goldb., 1855a, 19.—Goto, 1891a, 161, 169, 178, 183, 184; 1891c, 103; 1893a, 798.—Haswell, 1892a, 459; 1892b, 149; 1893e, 114.—Hoyle, 1890, 537, 539.—Ijima, 1884c, 638, 639.—Jackson, 1888, 642, 644, 645, 646, 647, 648, 654.—Jucl., 1889, 33.—Kath., 1894a, 143, 152, 155.—Kerbert, 1881a, 573.—Kroyer, 1846–53a, 273; 1852–53a, 1221 (in *Belone rostrata* Fab.).—Looss, 1885b, 5, 10, 15, 17, 18; 1892, 72.—Lorenz, 1878a, in 405–436, pls. 31–33.—Mont., 1888, 11, 15, 34, 40, 52, 53, 59, 60, 61, 66, 83, 84, 86, 89, 101; 1893, 111; 1903, 336 (subf. *Axininae*).—Moul., 1856a, 10 (*Axime*).—Par. & Perugia, 1890, 13.—Pratt, 1900a, 646, 653 (key), 657, fig. 40.—St.-Remy, 1898, 562–563.—Stoss., 1898, 14.—Tasch., 1879, 40, 45, 56, 58, 61, 66, 69; 1879, 233, 255–256 (syn. *Heteracanthus* Dies.).—Wallenstedt, 1847, 7.—Ziegler, 1883, 557.

1856: *Axime* Moul., 1856a, 10.

*aberrans* Goto, 1894a, 198–199, pl. 7, figs. 5–6 (in *Belone schismatorhynchus*; Hagi, Japan).—St.-Remy, 1898, 563.

*belones* Abildg., 1794d, 59–60, pl. 6, fig. 3, a–b (in *Belone acus*).—Ben., 1856a; 1856c; 1857i; 1858a, 1861a, 52–54, 168, 169, 196 (in *Esox belone*); 1870, 80.—Blainv., 1828a, 568.—Braun, 1889k, 621; 1890a, 418, 424, 428, 436, 437, 443, 472, 477, 488, 494, 514, 541, 549, 550; 1891a, 52.—Crep., 1838b, 83–96 (syns. *Heteracanthus pedatus*, *H. sagittatus*); 1839a, 291; 1839, 163.—Dies., 1850a, 425 (syns. *Heteracanthus pedatus*, *H. sagittatus*); 1858e, 385–386; 1859c, 444.—Duj., 1845a, 317.—Goto, 1894a, 196.—Hoyle, 1890, 539, 540.—Jucl., 1889, 36.—Kath., 1894a, 155.—Kroyer, 1846–53a, 273 (in *Belone rostrata*).—Lorenz, 1878, —.—Mont., 1888, 8, 15; 1890, 422; 1893, 111.—Moquin-Tandon, 1846, 13, 395.—Nord., 1840, 598 (syn. of *Heteracanthus pedatus* Dies.) (in *Esox belone*).—Oken, —, 357, pl. 10.—Par., 1902, 3 (in *Belone acus*, *Exocoetis volitans*; Portoferrajo).—Par. & Perugia, 1890, 8.—Sieb., 1839, 163.—Stoss., 1890, 44; 1890, 52; 1898, 14.—Tasch., 1879, 35; 1879, 256 (syns. *Axine orphii* Ben. & Hesse, *Heteracanthus pedatus*, *H. sagittatus* Dies.) (in *Belone acus*).—Ziegler, 1883, 545.—Also reported for *Belone vulgaris*.

*heterocerca* Goto, 1894a, 197–198, pl. 7, figs. 1–4, pl. 8 (on *Seriola quinqueradiata*; Japan).—Pratt, 1900a, 657, fig. 40.—St.-Remy, 1898, 563.

*orphii* Ben. & Hesse, 1863, 116; 1864, 116–117, pl. 12, figs. 19–27 (in *Esox belone*).—Braun, 1890a, 418.—Tasch., 1879, 256 (syn. of *A. belones*).—Also reported for *Belone vulgaris*.

*platynura* Crep., 1838b, 83 (syns. *A. belones*, *Heteracanthus pedatus*, *H. sagittatus*).—Sieb., 1839, 163.

*triangularis* Goto, 1894a, 200–201, pl. 7, figs. 7–8 (on *Acanthias schlegelii*; Misaki, Japan).—St.-Remy, 1898, 563.

*trigla* Ben. & Hesse, 1863, 117; 1864, 117 (*Trigla hirundo*).—Braun, 1890a, 418, 541, 549 (Brest), 552.—Tasch., 1879, 256 (in *T. hirundo*).

- AXININÆ Mont., 1903, 336 (subf.; f. Microcotylidæ).
- AZIGIA Staff., 1904, May 3, 488, misprint for Azygia.
- tereticolle* (Rud., 1802) Staff., 1904, 488 (*Esox lucius*, *Lota maculosa*, *Ameiurus nigricans*; Canada).
- AZYGIA Looss, 1899b, Dec., 569-570, 579, 580 (m. *tereticollis*); ἀζυγέ, ἀζυγος, unbunden; 1902, 839.—Braun, 1901b, 33.—Darr, 1902, 667.—Luehe, 1900, 489, 490.—Marshall & Gilbert, 1905, 477, 484.—Odhn., 1905, 328.—Pratt, 1902a, 888, 897 (key).—Staff., 1904, May 3, 483, related to *Otodistomum*, 489.—Stoos., 1904, 199.
- 1904: Azigia Staff., 1904, May 3, 488, misprint.
- loosii* Marshall & Gilbert, 1905, 483-485, pl. 15, figs. 5-7 (*Micropterus salmoides*, *Lucius lucius*, *Amia calva*).
- tereticollis* (Rud., 1802) Looss, 1899b, 570; 1901, 119; 1902, 456, 457.—Cohn, 1902k, 47.—Darr, 1902, 688.—Heymann, 1905, 85.—Kowal., 1902d, 26 (8) (in *Perca fluviatilis*); 1904, 24 (9) (in *Esox lucius*; Galicia).—Luehe, 1900, 491.—Marshall & Gilbert, 1905, 484, 485.—Odhn., 1905, 363.—Staff., 1904, 488.—Ward, 1903, 861.—Reported for *Esox lucius* L., *Lota maculosa* Le S., *Ameiurus nigricans* Le S.
- BALANORCHIS Fischder., 1901, 374-375 (m. *anastrophus*); 1902a, 49-50; 1903h, 490.—Pratt, 1902a, 887, 893 (key).—Shipley, 1905, 8.
- anastrophus* Fischder., 1901, 375 (*Cervus dichotomus*); 1902a, 50-52, fig. 4 (syn. *Amphist. conicum* Dies., 1835 e. p.) (in *C. dichotomus*; Brazil).
- BARIS Looss, 1899b, Dec., 669-670 (m. *proteus*) [not Baris Germ., 1817, coleopteron]; ὁ βαρὶς, ägyptischer Nachen; 1900d, 602 (renamed *Deuterobaris*).—Stiles., 1901, 189.
- proteus* (Brand., 1891), Looss, 1899b, 669, 770-772, fig. 82.—Braun, 1901b, 38, 54.
- BATHYCOTYLE Darr, 1902a, 644-662 (m. *branchialis*), 678, 687, 691, 696; 1902b.
- branchialis* Darr, 1902a, 644-662, pl. 23, figs. 1-15 (in mackerel; Pemba, German East Africa); 1902b, 735-736.
- BENEDENIA Dies., 1858c, 313, 363-364 (m. *elegans*=*sciænæ*; in *Sciæna aquila*: Ostend) [not of Gray, 1864, mammal; not of Schneider, 1875, protozoon]; 1859c, 437.—Braun, 1890a, 518.—Mont., 1888, 87; 1902, 143.—Odhn., 1905, 371.—Tasch., 1878, 566 (syn. of Trist. Cuv.).
- elegans* Dies., 1858c, 364 (new name for *Epibdella sciænæ* in *Sciæna aquila*; prope Ostendam); 1859c, 437.—Sons., 1891, 263.—Tasch., 1878, 565.
- hendorffi* (Linst., 1889) Linst., 1903, 355 (in *Coryphæna*), *Epibdella* (*Benedenia*).
- ishikawæ* (Goto, 1894) Linst., 1903, 356, E. (*Benedenia*), from *Lethrinus*.
- monticellii* (Par. & Perugia, 1895) Linst., 1903, 356, E. (*Benedenia*), from *Mugil. orata* (Goto, 1894) Linst., 1903, 356, E. (*Benedenia*), from *Anthias*.
- sciænæ* (Ben., 1856) Linst., 1903, 355, E. (*Benedenia*), from *Sciæna*.
- BILARZIA Mazzei, 1905a, 657, for Bilharzia.
- BILHARCIA de Bonis, 1882, 115, for Bilharzia.
- BILHARTZIA Sons., 1877, 652, for Bilharzia.
- BILHARXIA Semprum, 1890, 596, for Bilharzia.
- (BILHARZIA) written as subg. of Dist. by some authors, as Bomford, 1887a, but probably not intended as a subg. in all cases.
- BILHARZIA Cobbold, 1859d, 364 (m. *hæmatobia*); 1876, 488, 756; 1879, 17, 39, 42, 44, 45, 47, 48, 49, 52; 1883i, 106-107, figs. 1-2; 1885a, 498-500, figs. 211-213.—Alexander, 1906, Mar. 1, 69.—Beach, 1899, 103.—R. Bl., 1888a, 541, 543; 1888u, 832, 833, 1 fig.; 1904, 153.—Brand., 1892, 507.—Braun, 1891d, 426; 1892a, 573, 574, 603, 698, 707, 715, 735, 760, 764, 765, 788, 790; 1893a, 878, 879, 882, 885, 886, 890, 893, 894, 895, 908, 912, 918; 1895b, 125, 127, 129, 136, 151; 1900h, 3; 1901, 562; 1902b, 140, 142; 1903, 3 ed., 168.—Brock, 1893b, 622-625.—Catto, J., 1904, Nov. 19, 1411 (new species of).—Chatin, 1887, 1003-1006; 1887, 595.—Coe, 1896a, 562, 564, 566, 567.—Darr, 1902a, 649.—Fischer, 1883a, 41.—Fritsch, 1888a, 192-223, 1 fig., pls. 11-12, figs. 1-14 (anat.); 1888b, 588.—Gamb., 1896a, 73.—Grassi & Rovelli, 1888c, 799.—Hahn & Lefèvre, 1884a, 515; 1884, 805, 806.—Harrison, 1889, 163.—Higgins, 1906, 887.—Hoyle, 1890, 539.—Huber, 1894, 297.—Jackson, 1888, 644, 646, 648, 649, 654.—Juel, 1889, 37.—Kartulis, 1885e, 364, 1 fig.—Kholodk., 1898, 23, 25, 32.—Kowal., 1895g, 2, 3, 5, 15, 23, 24, 25, 42, 43, 45, 55, 63, 64, 65; 1896g, 70; 1896i, 8 [352].—

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- Leuck., 1863, 617.—Looss, 1892, 81, 82; 1894a, 179; 1896b, 2, 167; 1899b, 536, 538, 542; 1901, 196.—Moniez, 1896, 83, 154.—Montgomery, 1906, Feb. 12, 18.—Mont., 1888a, 7, 11, 15, 34, 37, 51, 61, 62, 84, 92, 105; 1892, Oct. 7, 214; 1893, 43, 82, 87, 94, 107, 154; 1896, 162, 163.—Sambon, 1899, v. 2, 117-120, 2 figs.—Schneidemuhl, 1896, 295.—Shipley, 1905, v. 6 (1), 4.—da Silva Lima, 1877, Nov., 489.—Sons., 1874, 71-83; 1882, June 10, 620-621; 1890, 134.—Stiles, 1898, 60; 1903, 77.—Stiles & Haas., 1898a, 83, 93, 94.—Villeneuve, 1892, 153-157.—Vogt, 1878, 9, 14.—See also *Schistosoma*. For additional medical papers on infections with species of *Bilharzia*, see also *Bilharziosis*.
- 1877: *Bilhartzia*, Sons., 1877, 652.
- 1882: *Bilharzia* de Bonis, 1882, 115.
- 1890: *Bilharzia* Semprum, 1890, 596.
- 1905: *Bilharzia* Mazzei, 1905a, 657.
- boris* Sons., 1876, 84-87, fig. (in *Bos taurus*; Egypt); 1876, 280; 1876, 400; 1876, 594-595; 1876, Oct. 18, 631-632; see *Gynaecophorus crassus*; 1877, 651.—Barbagallo, 1899c, 279.—R. Bl., 1888a, 650.—Bomford, 1887a, 54; 1887b, 345-346.—Braun, 1892a, 763; 1893a, 912; 1895, 154.—Cobbold, 1876, 489; 1876m, 781; 1879b, 332.—Dav., 1877, 943.—Grassi & Rovelli, 1888.—Huber, 1894, 302.—Kowal., 1895g, [3] 43 (syn. of *B. crassa*).—Laveran & R. Bl., 1895, 101-104.—Stiles, 1898a, 60.—Stoss., 1892, 6 (syn. of *Gynaecophorus crassus*).—Ward, 1895, 332 (in *Bos taurus*), 335 (in *Ovis aries*).
- capensis* Harley, 1864a, 63 (in *Homo*; Cape of Good Hope).—R. Bl., 1888a, 644.—Bourel-Roncière, 1888a, 130.—Cobbold, 1872b, 89 (syn. of *B. hæmatobium*).—Dolley, 1894a, 982.—Dav., 1877, 941.—Gues, 1879a, 169.—Stiles, 1898a, 58.—Ward, 1903, 872.
- crassa* Sons., 1888, 124, 125; 1895, 124; 1896, 79; 1896, 309, 318.—Barbagallo, 1899a, 10 pp. (in *Sicilia*); 1899b, 15-16; 1899c, 277-285.—R. Bl., 1888a, 650.—Braun, 1893a, 876, 882; 1893d, 467; 1902b, 143.—Cobbold, 1885a, 498, 499, 500, fig. 213; 1885b, 985.—Colloridi, 1891a, 856.—Gamb., 1896, —.—Gomy, 1897a, 377.—Kowal., 1895g, [3, 4], 43, 44 (syn. *B. bovis*); 1896g, 64; 1896i, [8], 352; 1897b, 2, 3; 1898h, 150, [47].—Looss, 1892a, 81; 1895, 3, 12, 13, 32, 38, 39, 48, 98; 1896b, 159.—Moniez, 1896, 159, 168.—Sanfelice & Loi, 1896, Sept. 12, 305-307.—Stiles, 1898a, 60.—Ward, 1895, 332 (in *Bos taurus*), 335 (in *Ovis aries*).
- ematobia* Sons., 1884, 20, 21.
- endemica* Sons., 1884, 17-21 [not used as specific name, but in the sense of *Bilharzia*, endemic in, etc.].—Huber, 1894, 303.
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- , location and pathology of: Belleli, 1886a, 4–5, 12–14, 18–21, 28–29, 35–37.—Birch-Hirschfeld, 1889, 302.—Bowlby, 1889a, 891; 1889b, 786.—Colloridi, 1891a, 854–864.—Göbel, 1903c, 107–124; 1903d, 52; 1903e, 71; 1903f, 106–109, 127–128, 143–145; 1906, —; 1906, Apr. 14, 269–270; 1906, Apr. 24, 839.—Kartulis, 1898b, 474–486, pl. 8, fig. 1; 1898c, 258–259.—Lelean, 1902b, 1151.—Looss, 1905, 97.—Manson, 1901, 542–543.—Ruetimeyer, 1892, May, 411; 1892, Nov., 144–151; 1894, (12); v. 22, 18.—Sons., 1875, 738–747; 1875, —; 1876, v. 16, 3–33; 1876, v. 49, 233; 1876, 652–673, figs. 1–9; 1876, Jan., 376.
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- Mesentery: Ruault, 1885, 56–57; 1885, 145–147.
- Omentum: Madden, 1901c, 143–144.
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- Spleen: Looss, 1905, 96.
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- Nov., 402; 1902b, 914; 1902c, 955; 1902d, 787; 1902e, 993.—Douglas, 1903, Oct., 10; 1904, Oct., 476.—Le Dantec, 1904, Nov. 18, 400.—Fagge & Pye Smith, 1902, 4. ed., 475.—Kautsky Bey, 1904a-c; 1905a; 1905, Oct., 665-666; 1905, Oct., 477.—Lockwood, 1901a, 2. ed., 821.—Looss, 1905, 97-100.—Manson, 1903, 3. ed., 606.—Rep. Wellcome Research Lab., Khartoum, 1904, 58-61.—Russell, 1902, Dec. 6, 1540; 1902, Dec. 18, 326; 1902, Dec. 20, 988; 1902, Dec. 22, 1234-1235; 1902, Dec. 27, 1134.—Symmers, 1905, Jan. 18, 22; 1906, Jan. 7, 662.—Tyson, 1903, 3. ed., 1181.
- Intestines:** Damaschino, 1882a, 949 (and urinary); 1883a.—Firket, 1897, June. —; 1899, v. 3 (1), 71.—Lahille, 1906, v. 9 (2), 262-265, 2 figs.—Letulle, 1904a, 46-48; 1905a, 420-421; 1905e, 329-439, figs. 1-16, pls. 1-2.—Mackie, 1882, Oct. 7, 661.—Symmers, 1905, Jan. 7, 22.—Zancarol, 1882, 410-412, pl. 26 (and bladder).
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- Kidney:** Eve, 1888a, 184.—Manson, 1903, 3. ed., 613.—Ruault, 1885, 56-57; 1885, 145-147.
- Ureter:** Milton, 1902, 167.
- Bladder:** Eve, 1888a, 184.—Fenwick, 1888a, 344-346 (epicystitis); Fenwick & Harris, 1888a, 183-184.—Goebel, 1903a; 1903b; 1903c; 1904, Oct., 1810; 1905, v. 3 (3); 1905, 369-513 (carcinoma); 1905, Dec., 957-958; 1906, Mar., 45-46; 1906, July, 315.—Harrison, 1889a, 163.—Huber, 1896, 581.—Kutner, 1905, v. 16 (12), 649-657, 1 fig.; 1906, Jan., 78.—Lewis, 1900a, 1057-1058.—Looss, 1905, 97, 98, 100.—Manson, 1903, 3. ed., 610-612.—Milton, 1902a, 181-182; 1902, 166, 191, 192, 214.—Peyrot, 1905, 105-111.—Ruault, 1885, 56-57; 1885, 145-147.—Shattock, 1891, 196-197.—Zancarol, 1881-1882, 410-412, pl. 26.
- Prostate:** Ruault, 1885, 56-57; 1885, 145-147.
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- Lungs: Belleli, 1885a, 1-3.—Bowlby, 1891b.—Looss, 1905, 96.—Manson, 1903, 3. ed., 610, 613.
- Tumors: Albarran & Bernand, 1897a, 645-647 (epithelial); 1897b, 1096-1023, pl. 11.—Belleli, 1885, 54-56.—Looss, 1905, 95, 96.—Madden, 1903, Jan., 1-2; 1903, Jan., 14.
- , symptomatology of: Belleli, 1886a, 4-5, 12-14, 18-21, 28-29, 35-37.—Le Dantec, 1904, Nov., 399-400.—Goebel, 1903a-i.—Lelean, 1902a-b; 1904f.—Lockwood, 1901, 2. ed., 821.—Looss, 1905, 94, 95, 105.—Manson, 1901, 543; 1903, 608-609, 610.—Milton, 1902, 191, 201-202.—Moty, 1893, Feb., 51-56 (urine), figs. 1-4.—Tyson, 1903, 3. ed., 1181.
- , prognosis: Lockwood, 1901, 2. ed., 821.—Looss, 1905, 93, 96, 106.—Manson, 1901, 543; 1903, 3. ed., 609, 610, 614, 615.—Milton, 1902, 191, 200 (death due to exhaustion).
- , treatment of: Allen, 1883, 660.—Belleli, 1886a, —. Cadet, 1876a, —; 1876b, —.—Le Dantec, 1904, Nov., 400.—Ensor, 1904, Nov., 575-576 (chrysoidine); 1904, Nov., 360.—Fouquet, 1885a, 677-680, 693-696; 1885b, 88-95.—Goebel, 1903a-b.—Harley, 1871a.—Looss, 1905, 106, 107.—Manson, 1901, 544; 1903, 3. ed., 615, 616.—Milton, 1897a, 93-106; 1902, 214, 218; 1902, 93-106 (surgery); 1903a, 866-869; 1903b, 714; 1903c, 659; 1903d, 779-780.—Sons, 1885, June, 1197-1198.—Wortabet, 1882, Dec., 979-980 (turpentine).
- BISTOMA Reich, 1801, 371, lapsus for Dist. = Fasc.—Stiles & Hass., 1898a, 83 (to Dist.). *stridulæ* Reich, 1801, 371, in *Strix stridula*.
- BOTHRIOGASTER Fuhrmann, 1904, Sept. 23, 59-61 (m. variolaris), subf. Syncoeliinæ.
- variolaris* Fuhrmann, 1904, 59-61, figs. 1-2 (in *Rostrhamus sociabilis*; South America).
- BRACHYCÆCUM Rail., 1896, 15 Mar., 160, *Brachycoelium* Duj., 1845a [not *Brachycoelus* Chaudoir, coleopteron] renamed, hence type crassicolle.—Stiles & Hass., 1898, 83 (for *Brachycoelium*).—Stoss., 1898, 31.
- brusina* (Stoss., 1889 [Looss, 1901]) Barbagallo & Drago, 1903, 410 (in *Oblata melanura*; Catania), Br. as subg. of Dist.
- BRACHYCELIUM Mont., 1888, 38 for *Brachycoelium*.
- BRACHYCLADIINÆ Odhn., 1905, 346, 347, f. Fasciolidæ.
- BRACHYCLADIUM Looss, 1899b, Dec., 558-560 (tod. palliatum); 1901, 208; 1902m, 707, 708, 709, 711, 715, 716, 717, 718, 755-778 (cf. *Campula*; *Opisthorchis*), 811.—Braun, 1900g, 251, 254; 1901b, 38; 1905, 339, 344, 345, 346, 347-348.—Odhn., 1905, 347a-348.—Stiles 1901, 203, 204, 205.
- delphini* (Poir., 1886) Looss, 1899b, 558; 1902m, 707, 708.—Odhn., 1905, 348.
- oblongum* (Cobbold of Braun) Looss, 1902m, 716.—Odhn., 1905, 343, 347.
- palliatum* (Looss, 1885) Looss, 1899b, 558, 560; 1902, 707, 708, 711, 715.—Daar, 1902, 653.—Odhn., 1905, 341, 342, 347, 348.
- rochebruni* (Poir., 1886) Looss, 1899b, 558; 1902m, 707, 811.—Odhn., 1905, 344, 346, 347.
- BRACHYCELIINÆ Looss, 1899, Dec., 607, 611, 612, 614; 1902, 839, 841.—Luehe, 1900, 561; 1901, 173.—Odhn., 1902, 40, 42.—Pratt, 1902a, 889, 902 (key); contains *Phanerocephalus*, *Lecithodendrium*, *Pycnopus*, *Brachycoelium*; related genera *Cymatocarpus*, *Brandesia*.
- BRACHYCELINÆ Ward, 1901, 185.—Jægers., 1903a, 14.
- (BRACHYCELIUM) Duj., 1845a, 383, 388, 402 (subg. of Dist.), type crassicolle after Stiles & Hass., 1898a, 83, but arrectum after Luehe, 1899k, 536. Raised to generic rank by Stiles & Hass., 1898a, 83.
- arrectum* Duj., 1845a, 387, 403 (in *Lacerta viridis*; Rennes).—Stoss., 1895, 225 (to *Dicrocoelium*).
- brachysomum* (Crep., 1846) Stoss., 1892, 148, 189, 190, 191; 1899, 10 (to *Levinsonia*).
- claviforme* (Brand., 1888) Stoss., 1892, 148-149, 191. See *Brachycoelium*.
- clavigerum* (Rud., 1819) Duj., 1845a, 387, 404 (misdeternined).—Stoss., 1889, 576 (to *Dicrocoelium*). See *confusus* Looss, 1894.
- crassicolle* (Rud., 1809) Duj., 1845a, 386, 404-405.—Cohn, 1903, 42.—Stiles & Hass., 1898a, 83 (designated type of *Brachycoelium*). See *Brachycoelium*.

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- heteroporum* Duj., 1845a, 387, 402–403 (in *Vespertilio pipistrellus*; Rennes).—Looss, 1899b, 611 (type of *Pycnoporus*).  
*macrophallos* (Linst., 1875) Stoss., 1892, 147, 190.  
*nigrovenosum* (Bellingham, 1844) Looss, 1902m, 822.  
*oviforme* (Poir., 1886) Stoss., 1892, 12–13, 40.  
*pygmaeum* (Levin., 1881) Stoss., 1892, 147 (in *Somateria mollissima*; Greenland), 189; 1899, 10 (to *Levinsonia*).  
*retusum* Duj., 1845a, 386, 405–406 (in *Rana temporaria* at Rennes).  
*rubellum* (Ols., 1868) Stoss., 1886, 60.  
*somateriae* (Levin., 1881) Stoss., 1892, 146, 189.  
*tacapense* (Sons., 1894) Stoss., 1895, 215, 235.

BRACHYCELIUM (Duj., 1845a) Stiles & Hass., 1898a, 83 (type *crassicolle* after Stiles & Hass., *arrectum* after Luehe).—Baird, 1853a, 52.—R. Bl., 1891, 609.—Braun, 1892a, 663, 672; 1893a, 885, 909, 910; 1900h, 6.—Giard, 1897c, 955, 956. sp. in *Pelécypodes*; 1897d, 956–957.—Looss, 1899b, 535, 536, 611–614, 617, 618, 620, 622, 623, 625, 647; 1902m, 705, 768–775, 814, 815, 816, 822, 823.—Luehe, 1899k, 536 (type *arrectum*); 1900aa, 562, 563.—Mont., 1888, 38 (*Brachycelium*), 92, 105, 1892, 687; 1893, 43, 150.—Pratt, 1902a, 889, 903 (key).—Rail., 1896, 160 (renamed *Brachycæcum*).—Staff., 1903, 827, 828; 1905, Apr. 11, 684.—Stiles, 1901, 179, 196, 197, 198, 199, 200, 201, 202, 203.—Stiles & Hass., 1898a, 83, 97, 98 (type *Dist. crassicolle* Duj., 1845) (syns. *Dist. (Brachycelium)*, *Brachycæcum* Rail., 1896).—Stoss., 1892, 12; 1899, 7.—Ward, 1901, 175.

1845: *Distoma (Brachycelium)* Duj., 1845a, 383, 388, 402 (tld. *crassicolle*).

1888: *Brachycelium* Mont., 1888, 38, misprint.

1896: *Brachycæcum* Rail., 1896, 160, *Brachycelium* [not *Brachycælus*] renamed.

*crassicolle* (Rud., 1809) Looss, 1899b, 611, 612; 1902, 768, 769, 772, 774, 775, 813, 814, 815, 816, 818, 821, 822, 823, 832, 835.—Cohn, 1903, 42.—Luehe, 1900, 562.—Staff., 1903, 827, 828; 1905, Apr. 11, 693.

*hospitale* (Staff., 1900) Looss, 1902, 822.—Staff., 1903, 824–828, figs 4–5; 1905, 682 (int. of *Diemyctylus viridescens* and *Plethodon erythronotus*; Canada).

*luteum* (Ben., 1870) Giard, 1897c, 955; 1897d, 956, 957.—Caullery & Chappellier, 1906, 325.—Reported for *Donax*, *Scyllium canicula*, *S. stellare*.

*nigrovenosum* (Bellingham, 1844) Looss, 1902m, 822, as doubtful.

species Giard, 1897d, 956–957 (in *Donax trunculus*, *Tellina fabula*, *T. tenuis*, *T. solidula*, *T. baltica*).—Leger, 1879h, 957–958.

BRACHYLAIMUS E. Bl., 1847a, 295–302 (for *Brachylaimus*).—Dies., 1850a, 331.—Stiles & Hass., 1898a, 83, 84 (syn. of *Brachylaima* Duj., 1843).

*cylindræus* (Zed., 1800) E. Bl., 1847a, 295–298, pl. 12, fig. 2.—Baird, 1853a, 51.—Dies., 1850a, 368 (to *Dist.*).—Looss, 1894a, 64 (to *Dist.*); 1899b, 600 (type of *Haplometra*).

*erinacei* E. Bl., 1847a, 300–302, pl. 9, fig. 2 (*Erinaceus europæus*; Paris).—Dies., 1850a, 335 (renamed *Dist. linguæforme*).

*variegatus* (Rud., 1819) E. Bl., 1847a, 298–300, pl. 13, fig. 1.—Looss, 1894a, 71 (to *Dist.*).—Type of *Hematolæchus* 1899 and *Pneumonæces* 1902.

BRACHYLAIMA Duj., 1843a, 338–341 (tld. *advena*).—Luehe, 1899k, 536.—Stiles & Hass., 1898a, 83–84, 96 (type *advena* = *Dist. migrans* 1845) (syns. *Dist. (Brachylaimus)* Duj., 1845, *Brachylæmus* Duj. of Bl.).

*advena* Duj., 1843a, 338–341 (in *Sorex*).—Stiles & Hass., 1898a, 83, 84, 96 (designated type) (syn. *Dist. migrans* Duj., 1845).

*fulvum* Duj., 1843a, 340–341 (in *musaraigne*).—Stiles & Hass., 1898a, 83 (in *Sorex araneus*).

(BRACHYLAIMUS) Duj., 1845a, 382, 388, 407–420 (*Brachylaima*, 1843, renamed, hence type *advena*), used as subg. of *Dist.* See also *Brachylaimus*.

*æquale* Duj., 1845a, 410.

*aloyssiæ* (Stoss., 1885) Stoss., 1886, 58.

*andersoni* (Cobbold, 1876) Stoss., 1892, 19, 37.

*annuligerum* (Nord., 1832) Stoss., 1886, 44.

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- arcuatum* Duj., 1845a, 410–411.  
*aristotelis* Stoss., 1892, 14–15, 40.  
*ascidioides* (Ben., 1873) Stoss., 1892, 16, 40.  
*baraldii* (Sons., 1892) Stoss., 1895, 218–219, 235.  
*bergense* (Olss., 1868) Stoss., 1886, 63.  
*bothryophoron* (Olss., 1868) Stoss., 1886, 57.  
*carnosum* (Rud., 1819) Stoss., 1886, 59.  
*caudatum* (Linst., 1873) Stoss., 1892, 39.  
*characis* (Stoss., 1886) Stoss., 1886, 59.  
*cirratum* (Rud., 1808) Duj., 1845a, 413.  
*conjectum* (Cobbold, 1860) Rail., 1893a, 365.  
*conostomum* (Olss., 1876) Stoss., 1886, 62.  
*corrugatum* Duj., 1845a, 409–410.  
*crassiusculum* (Rud., 1809) Stoss., 1892, 151–152, 194.  
*cymbiforme* (Rud., 1819) Stoss., 1895, 215–216, 236.  
*depressum* Stoss., 1883; 1886, 59.  
*didelphidis* Par., 1896, 3–5, fig. 1a (in *Didelphis marsupialis azaræ*; Paraguay).  
*dimorphum* (Dies., 1850) Stoss., 1886, 60.  
*elegans* (Rud., 1802) Duj., 1845a, 414–415.  
*endemicum* (Bætz, 1883) Stoss., 1892, 39, 40.  
*exasperatum* (Rud., 1819) Duj., 1845a, 411.  
*fabenii* (Mol., 1859) Stoss., 1886, 59.  
*fellis* (Olss., 1868) Stoss., 1886, 57.  
*filum* Duj., 1845a, 418.  
*flavescens* (Ben., 1870) Stoss., 1886, 58 (in *Gobius minutus*).  
*globiporum* (Rud., 1802) Duj., 1845a, 417.  
*globocaudatum* (Crep., 1825) Duj., 1845a, 413–414.  
*instabile* Duj., 1845a, 412.  
*leptostomum* (Olss., 1876) Stoss., 1892, 17, 39.  
*lima* (Rud., 1809) Stoss., 1892, 14, 39, 40.  
*linguacula* (Rud., 1819) — ? —.  
*lorum* Duj., 1845a, 407.  
*maculosum* (Rud., 1802) Duj., 1845a, 412–413.  
*marginatum* (Mol., 1858) Stoss., 1892, 149, 189.  
*megastomum* (Rud., 1819) Stoss., 1886, 64.  
*mentulatum* (Rud., 1819) Duj., 1845a, 415.  
*mesostomum* (Rud., 1803) Stoss., 1892, 149–150, 193, 194.  
*micrococum* (Rud., 1819) Stoss., 1892, 150, 190.  
*migrans* Duj., 1845a, 407–409 = *Brachylaima advena* Duj., 1843, renamed.  
*moleculum* (Linst., 1880) Stoss., 1892, 150, 192.  
*monas* (Rud., 1819) Parona, 1896, 12–13 (in *Siphonops annulatus*; Brazil).  
*mormyri* (Stoss., 1885) Stoss., 1886, 59.  
*mülleri* (Levin., 1881) Stoss., 1886, 61.  
*oblongum* (Cobbold, 1858) Stoss., 1892, 16–17, 37.  
*obovatum* (Mol., 1859) Stoss., 1886, 59.  
*oligoon* (Linst., 1887) Stoss., 1892, 149–192.  
*plexostomum* (Linst., 1883) Stoss., 1892, 152, 192.  
*pseudostomum* (Will.-Suhm., 1870) Stoss., 1895, 219–236.  
*recurvum* Duj., 1845a, 410.  
*reticulatum* (Wright, 1879) Stoss., 1892, 154–155, 192.  
*robustum* (Lorenz, 1881) Stoss., 1892, 18, 38.  
*rubens* Duj., 1845a, 411.

## (BRACHYLAIMUS)—Continued.

- sanguineum* (Sons., 1894) Stoss., 1895, 217, 235.  
*serpentatum* (Mol., 1859) Par., 1896, 18–19 (in Sayris camperii=Scomberesox rondeletii; Padova).  
*signatum* Duj., 1845a, 415–416.  
*soccus* (Mol., 1858) Stoss., 1886, 64.  
*solex* Duj., 1845a, 417–418.  
*subflavum* (Sons., 1892) Stoss., 1895, 216, 235.  
*tenuicolle* (Rud., 1819) Stoss., 1892, 18–19, 39.  
*tereticolle* (Rud., 1802) Duj., 1845a, 419–420.  
*umbrinae* (Stoss., 1885) Stoss., 1886, 58.  
*validum* (Linst., 1886) Stoss., 1892, 15–16.  
*varicum* (Mueller, 1784) Stoss., 1886, 58.  
*variegatum* (Rud., 1819) Duj., 1845a, 416–417.  
*vitellatum* (Linst., 1875) Stoss., 1892, 154, 190.  
*vitta* Duj., 1845a, 418.

BRACHYLAIMUS (Duj., 1845a) E. Bl., 1847a, 298 (*Brachylaima* renamed, hence type advena).—R. Bl., 1891, 609, 610.—Braun, 1892a, 643; 1893a, 885, 894, 909, 911; 1901b, 11; 1901c, 341, 342.—Giard & Billet, 1892, 614.—Johnston, 1902, 329.—Looss, 1899b, 535, 609.—Luehe, 1899, 530.—Mont., 1888, 92, 105; 1893, 43, 150.—Rail & Marotel, 1898, 31, 38.—Sons., 1890, 141.—Stiles & Hass., 1898a, 84.—Stoss., 1892, 13; 1898, 32.—Volz, 1899, 231.—West, 1896, 323. See also (*Brachylaimus*).

BRACHYLEMUS Dies., 1850a, 331, for *Brachylaimus*, q. v.

*variegatus* (Rud., 1819) Dies., 1850a, 355 (to Dist.).—Molin, 1859, 828 (to Dist.).

BRACHYMETRA Stoss., 1904, 10 (m. parva) [not Mayr, 1865, insect].

*parva* Stoss., 1904, 10–12, fig. 1 (in *Rana esculenta*; Istria centrale).

BRACHYPHALLUS Odhn., 1905, 350, 356, 359 (tod. crenatus).—Nicoll, 1907, 84.

*crenatus* (Rud., 1802) Odhn., 1905, 349, 352–355, pl. 4, figs. 3–5 (includes *Fasc. crenata* Rud., 1802, 76, pl. 2, fig. 5; *Dist. crenatum* (Rud.) Rud., 1809a, 404, pl. 5, fig. 1; Mol., 1868, 48, pl. 5, figs. 96–98; *Dist. appendiculatum* p. p. Rud., 1819a, 404; *Dist. tectum* Linst., 1873, 104, pl. 5, fig. 4; *Dist. ocreatum* Mol. p. p. Lint., 1899, 288, pl. 35, figs. 16–24; *Hemimurus crenatu* (Rud.) Luehe, 1901, 24; *Dist. crenatum* Rud., 1810a, 376; Mol., 1859, 25, pl. 1, fig. 3); (hosts reported by Odhn. for Scandinavia: *Cottus scorpius*, *Pleuronectes limanda*, *Gasterosteus aculeatus*, *Ammodytes tobianus*, *Salmo salar*, *S. trutta*, *Osmerus eperlanus*); 1906, 62.—Nicoll, 1907, 72, 84, 88–89 (in *Ammodytes tobianus*).

BRANDESIA Stoss., 1899, 7, 10 (m. turgida).—Braun, 1900h, 6.—Looss, 1899b, 617, 623, 624–625.—Pratt, 1902a, 889, 903 (key), related to *Brachycephalinae*.—Staff., 1905, Apr. 11, 683, 684, 685, 686.—Stiles, 1901, 189, 190.

*turgida* (Brand, 1888) Stoss., 1899, 10.—Cohn, 1904, 235.—Kowal., 1902d, 27 [9].—Looss, 1899, 624, 775–777, figs. A. B.—Staff., 1905, Apr. 11, 684, 685.

BRAUNINA Heider, 1900a, 19–22, figs. a–d (*Hemistomidae*); 1900b, 19–22, figs. 2–d.—Pratt, 1902a, 908 (key).—Wolf, 1903, 603–626, 1 pl., 11 figs.

*cordiformis* Wolf, 1903, 623, 1 pl., 11 figs. (in *Squalus* sp; Rio Janeiro).

BRAUNININÆ Wolf, 1903, 622, 623, n. subf.

BUCEPHALIDÆ Poche, 1907, 125.

(BUCEPHALOPSIS) Dies., 1855a, 396 (m. haimeanus) subg. of *Bucephalus* Baer.—Ziegler, 1883, 540.

*aculeatus* Dies., 1858, 275, based on Wagener's *Furcocerce* in *Planorbis marginatus*.—Ziegler, 1883, 540.

*haimeanus* (Lacaze-Duthiers, 1854) Dies., 1855a, 396; 1858d, 275–276 (syns. *Bucephalus* (*Bucephalopsis*) haim. Lacaze-Duthiers; *Cerc. haim. Moul.*) (in *Ostrea edulis*, *Cardium rusticum*; Balearic Isles).—Tennent, 1906, 642.—Ziegler, 1883, 540.—See also sub *Bucephalus*.

**BUCEPHALUS** Baer, 1826a, 124–125 [not Smith, 1829, reptile] [m. polymorphus]; 1827b, 570–589 (m. polymorphus).—Biehringer, 1884, 20; 1888a, 231, 232, 235.—Brand., 1891d, 8.—Braun, 1892a, 589, 592, 599, 636, 640, 768, 769, 770, 771; 1893a, 823, 825, 834, 884, 892.—Burm., 1856a, 244, 245, 250.—Carus, 1835a, 94.—Cobbold, 1876, 304; 1879b, 453.—Dies., 1850a, 286, 294; 1855a, 395; 1858d, 271, 274.—Duj., 1845a, 478.—Erc., 1881e, 60; 1882a, 296.—Fil., 1854a, 6; 1857c, 22.—Garner, 1875a, 102 (in freshwater mussel).—Goldb., 1855a, 15.—Gronkowski, 1902a, 522 (15).—Hoyle, 1890, 539 (larva of Gasterost.), 540, fig. 4–F.—Jackson, 1888, 643, 651 (= Gasterost.; in Anodonta and oyster), 643, 654.—Kath., 1894a, 138.—Keber, 1852, —.—Lacaze-Duthiers, 1854a, 294 ff.—Leuck., 1863; 454, 495, 503, 512.—Looss, 1885b, 6; 1892a, 125; 1894a, 55, 252.—Mont., 1888, 9, 77, 79, 80, 92, 94; 1893, 6, 9, 10.—Moul., 1856a, 65, 121, 124.—Odhn., 1905, 293, 304.—Pag., 1857, 7, 10, 29, 52, 53.—Poche, 1907, 125.—Spengel, 1905, 258.—Uličný, 1878, 214.—Woods, 1875, v. 4 (29), Aug., 58–66, pls. 4–5.—Ziegler, 1883, v. 39 (4), Dec. 31, in 537–571, pls. 32–33, figs. 1–28; 1883, v. 6 (148), 10 Sept., 487–492; 1905, 36.

1855: Eubycephalus Dies., 1855a, 395 (m. polymorphus).

*aculeatus* Dies., 1858, 275 (in Planorbis marginatus) to (Bucephalopsis).

[*bellii*, see Smith, reptile.]

*crux* Levin., 1881a, 80–81, pl. 3, fig. 7a–j (in Modiolaria discors; Egedesminde).—Braun, 1893a, 834.—Odhn., 1905, 304.—Tennent, 1906, 641, 643 (in Modiolaria discors).

*cucullus* Ziegler, 1883, 540 (for cuculus).

*cuculus* McCrady, 1874, Dec. 3, 176–192, figs. 2, 1–8 (in Ostrea virginiana; Charleston, S. C.).—Braun, 1893a, 834.—Tennent, 1906, 641, 644–646, 682 (syn. of B. haimeanus Lacaze-Duthiers) (in oyster; Charleston, S. C.).—Ziegler, 1883, 540 (cucullus).

*euculus* McCrady, 1874, descr. of fig., misprint.

[*gutturalis*, see Smith, reptile.]

*haimeanus* Lacaze-Duthiers, 1854a, 294–302, pl. 6, figs. 1–10 (in Ostrea edulis, Cardium rusticum; Balearic Isles, Mahon, Cette).—Babcock, 1875a, 144, 145, 146, pl. 98, figs. 6–7.—Braun, 1893a, 834.—Caullery & Chappellier, 1906, 325.—Claparede, 1863, 10, 11 (to Cerc.).—Dies., 1855a, 379, 396, type of B. (Bucephalopsis); 1858d, 276 to (Bucephalopsis).—Erc., 1881e, 41, 87 (haimejanus); 1882a, 277, 323 (haimejanus).—Fil., 1855b, 21.—Giard, 1874e, 485–487 (encystation) (in Cardium rusticum, Ostrea edulis; Mediterranean); 1874f, 375–377; 1874g, 276–278; 1875a, 466–467; 1897, 955.—Huet, 1889a, 145–149; 1893a, 40–41.—McCrady, 1874, 176, 178, 179, 180.—Moore, 1875a, in 50–57, pl. 3.—Moul., 1856a, 86, 87, pl. 5, fig. 7, 178 (in Ostrea edulis, Cardium rusticum; Balearic Isles, Mahon, Cette).—Pag., 1857, 10; 1862, 295, 298 to (Bucephalopsis), 300, 301.—Tennent, 1906, Feb., v. 49 (4), 635–690, pls. 39, figs. 1–17, pl. 40, figs. 18–39, pl. 41, figs. 41–43, 51 (larva of Gasterost. gracilescens in oysters, Ostrea edulis, Cardium rusticum).—Uličný, 1878, 214, 215, 216.—Vauillegeard, 1894, v. 8, 8–14 (in Tapes decussatus, T. pullastra); 1894, 343.—Villot, 1875, 478.—Ziegler, 1883, 539, 540, 567.—Also reported for Belone vulgaris, Cardium edule, Mactra solida.

*haimejanus* Erc., 1881e, 87; 1882a, 323 (for haimeanus).

*intermedius* Uličný, 1878, 211–217, pl. 6, fig. 6 (in Anodonta cellensis).—Braun, 1893a, 834.—Tennent, 1906, 641, 643 (in Anodonta cellensis).—Ziegler, 1883, 541.

[*jardinii*, see Smith, reptile.]

*polymorphus* Baer, [1826a specific name not given]; 1827b, 570–589, pl. 30, figs. 1–27 (in Unio and Anodonta).—Badcock, 1875a, 141–146, pl. 98, figs. 1–5; 1875b, 149–150.—Ben., 1858a, 1861a, 220.—Bettend., 1897a, 13; 1897, 317.—Biehringer, 1884, 3; 1888a, 230.—Braun, 1883a, 54; 1893a, 834, 835, 838, 847.—Claparede, 1863, 10, 11.—Crep., 1839a, 293.—Desmonceaux, 1868, 22.—Dies., 1850a, 294; 1855a, 379, 395 (in Unio pictorum, An. anatina, A. cellensis); 1858d, 274–275 (syn. Cerc. polym.) (in U. pict., An. cell., A. anat.).—Duj., 1845a, 478.—Erc., 1881e, 37, 38, 41, 44, 45, 60, 87; 1882a, 273, 274, 277, 280, 281, 296, 323.—Fil., 1855b, 21, 22; 1857c, 27, 31.—Gamb., 1896a, 72.—Garner, 1838, 830.—Giard, 1874e, 485, 486.—Hahn & Lefevre, 1884, 806.—Hessling, 1852, 315.—Hoyle, 1890, 540, fig. 4–e.—Jacobson, 301, pl. 8, figs. 1–3.—Juel, 1889, 11.—Keber, 1851a, 99, 100; 1852a, 72.—Kuech., 1856c, 280.—

## BUCEPHALUS—Continued.

Lacaze-Duthiers, 1854a, 297, 299, 300, 301.—Levin., 1881a, 80, 81.—Looss, 1885b, 19; 1892a, 122.—McCraday, 1874, 176, 178, 179.—Mont., 1888, 33, 77.—Moul., 1856a, 86, 145, 174, pl. 5 bis, fig. 6 (in An. anat., A. cell., U. pict.), see Cerc. polym.—Mueh., 1898, 11.—Nord., 1840, 548; 1840, 617, 630, 631.—Pag., 1857, 6, 8, 10, 27–28, pl. 3, figs. 2–8 (in An. anat.); 1862, 300, 302.—Poche, 1907, 124, 125.—Sieb., 1839, 165; 1854, 14.—Stewart, 1875, July, 1–2, pl. 107.—Tennent, 1906, 638, 641, 643, 646, 655, 660, 662, 663, 678, 682 (in An. mutabilis var. anatina and cellensis, U. pict.).—Uličný, 1878, 214, 215, 216.—Wagener, 1857, 22, 45; 1866, 145.—Ziegler, 1883, 488, 491; 1883, 537, 539, 540, 541–567, pl. 32, figs. 1–12, pl. 33, fig. 17, 23, 25 (in An. mutabilis var. cellensis).

[*typus*, see Smith, reptile.]

BUNODERA Rail., 1896, Mar. 15, 160, *Crossodera* Duj., 1845 [not Gould, 1837, bird] renamed, hence type *nodulosa*.—Braun, 1900, 232.—Hass., 1896a, 7.—Heymann, 1905, 83, 89.—Looss, 1899, 580, 594, 595, 597, 598, 599, 604, 671; 1902, 453, 454, 760.—Odh., 1905, 296.—Pratt, 1902a, 888, 898 (key).—Staff., 1904, May 3, 491.—Stiles & Hass., 1898, 84–86, 96 (syns. Dist. (*Crossodera*) Duj., *Crossodera* Duj., 1860 [by Cobbold] [not *Crossodera* Gould, 1837, Aves]) (type Dist. *nodulosum* Zed., 1800=*Fasc. lucioperca* Mueller, 1776).

*auriculata* (Wedl, 1857) Osborn, 1903, 63, 64, 67, 70.

*cornuta* Osborn, 1903, 63–73, figs. 1–7 (crawfish, black bass, rock bass, and catfish in Lake Chautauqua, N. Y.); 1905, Jan. 31, 22.

*linearis* (Rud., 1793) Rail., 1896, 160.

*lintoni* Pratt in Lint., 1901b, 435 (syn. Dist. *auriculatum* of Lint. in *Acipenser rubicundus*).—Cf. *petalobum* Lander.

*nodulosa* (Frölich, 1791) [Rail., 1896, 160] Looss, 1899b, 598; 1901l, 564; 1902m, 452, 453.—Engler, 1904, 186.—Heymann, 1905, 83, 85.—Kowal., 1902d, 26 (8); 1904, 24 (9) (in *Perca fluviatilis*; Galicia).—Osborn, 1903, 63, 64, 67, 68, 70, 71, 72.—Staff., 1904, May 3, 489–490 (in *P. flavescens* Mit.; Canada).

BUNODERINÆ Looss, 1902, 453.—Pratt, 1902a, 888, 898 (key), contains *Bunodera*, *Tergestia*.

CÆCINCOLA Marshall & Gilbert, 1905, 477, 478–481 (m. *parvulus*).

*parvulus* Marshall & Gilbert, 1905, 478–481, pl. 15, figs. 1–4 (in *Micropterus salmoides*; near Madison, Wis.).

CALCEOSTOMA Ben., 1858a, 1861a, 11, 57, 59–60, 194, 196 (m. *elegans*).—Ben. & Hesse, 1864, 121.—Brand., 1894a, 305, 306.—Braun, 1890a, 411, 412, 416, 443, 451, 468, 472, 478, 483, 484, 492, 512, 514, 516, 517, 523, 542; 1893a, 890.—Dies., 1858e, 379 (syn. of *Dactylogyrus calceostoma* Wagener); 1859c, 441 (1 sp. *elegans*=*calceostoma*).—Gamb., 1896a, 73.—Hoyle, 1890, 539 (on *Sciæna aquila*).—Jackson, 1888, 642, 646, 648, 654.—MacLaren, 1904, 598, 599, 600.—Mont., 1888, 14, 52, 84, 86, 101, 107; 1891, 108; 1892, Oct. 7, 213 (g. of *Calceostominae*); 1903, 336 (subf. *Calceostominae*); 1905, 65, 66, 67, 68.—Par. & Perugia, 1890, 12; 1890, 8, sp.—Pratt, 1900a, 646, 654 (key), 657, fig. 49.—St.-Remy, 1898, 524, 564, sp.—Sons., 1890, 172; 1890, 174–176.—Tasch., 1879, 69; 1879, 265 (syn. *Dactylogyrus* Wag.).

1859: *Calceostomum* Dies., 1859c, 441, for *Calceostoma*.

*elegans* Ben., 1858a, 1861a, 60–63, 169, 170, 189, 190, 196, pl. 7, figs. 1–8 (in *Sciæna aquila*; Belgium).—Ben. & Hesse, 1864, 125–126.—Braun, 1890a, 417, 452, 543, 549, 552.—Dies., 1859c, 441.—Jackson, 1888, 646.—Mont., 1888, 8, 10.—Pratt, 1900a, 657, fig. 49.—St.-Remy, 1898, 564.—Sons., 1890, 174, 175–176 (in *Sc. umbra*); 1891, 263 (in *Sc. um.*).—Tasch., 1879, 265 (syn. *Dactylogyrus calceostoma* Ben.) (in *Sci. aq.*).

*inermis* Par. & Perugia, 1889, 747 (in *Corvina nigra*); 1890, 747 (in *Corv. nig.*); 1890, 8.—Parona, 1894, 139, Genova.—Braun, 1890a, 418, 543, 549, 550; 1891d, 422.—Sons., 1890, 174, 175–176 (in *Corv. nigra*, *Umbrina cirrosa*); 1891, 263 (in *Um. cirrhosa*).

CALCEOSTOMIDÆ Par. & Perugia, 1890, 19 [as subf.].—Mont., 1903, 336 [raised from subf. to f. rank] (subf. 1 *Calceostominae* (g. *Calceostoma*, *Fridericianella*)).

CALCEOSTOMINÆ Mont., 1892, Oct. 7, 213 (subf. of *Gyrodactylidæ*); 1903, 336 (f. *Calceostomidæ*).—Braun, 1893a, 890.—Gamb., 1896, 73.

**CALICOTYLE** Dies., 1850a, 290, 431, 651 (m. *kroyeri*).—Braun, 1890a, 412, 415, 426, 435, 442, 447, 452, 454, 455, 468, 471, 472, 478, 483, 484, 491, 492, 511, 515, 516, 517, 523, 530, 531; 1893a, 890; 1896b, 7; 1899c, 80–82, 1 fig.—Cerf., 1894, 947; 1898b, 347, 352, 356, 362 (Calycotyle).—Goldb., 1855a, 20.—Goto, 1894a, 226–227; 1893a, 798.—Haswell, 1893e, 112.—Hoyle, 1890, 539.—Ijima, 1884c, 638.—Jackson, 1888, 646, 647, 650, 653.—Juel, 1889, 33.—Kerbert, 1881a, 572 (Callicotyle).—Looss, 1892a, 72.—Mont., 1888, 10, 11, 13, 37, 52, 57, 59, 65, 66, 84, 86, 88, 97, 98 (Callicotyle); 1888, 56, 57, 58, 60 (Callicotyle); 1891, 109, 127; 1903, 336 (subf. Calycotylinæ); 1905, 70.—St.-Remy, 1898, 523, 540.—Stoss., 1898, 9.—Tasch., 1878, 176 (Callicotyle); 1878, 573; 1879, 49, 50, 54, 57, 58, 60, 62, 64, 65, 66, 68; 1879, 236.

1850: Calycotyle Dies., 1850a, 650.

1858: Callicotyle Dies., 1858c, 313, 362.

1888: Callicotyle Mont., 1888, 56, 57, 58, 60.

1902: Calliocotyle Scott, 1902, 299–300.

1905: Callocotyle Scott, 1905, 117.

*kroyeri* Dies., 1850a, 431 (on *Raja radiata*; Kattégat).—Braun, 1890a, 410, 418, 420, 428, 434, 438, 449, 456, 461, 487, 512, 514, 531, 547, 551; 1899, 80, 81.—Cerf., 1894, 948.—Cunningham, 1887a, 278.—Goto, 1891a, 159, 184.—Ijima, 1884c, 638.—Juel, 1889, 14, 37.—Kath., 1894a, 152.—Kroyer, 1852–53a, 961 (*kroyeri*) (in *Raja radiata* Don.).—Looss, 1885b, 5, 18.—Mont., 1888, 7, 15, 53 (Callicotyle); 1891, 108, 111, 116, pl. 6, figs. 33–35.—Par. & Perugia, 1890, 6.—Pratt, 1900a, 656, fig. 20, 657.—Stoss., 1898, 9–10.—Tasch., 1878, 176 (Callicotyle); 1878, 573 (Callicotyle); 1879, 48, 49, 52, 55, 56, 61.—Wierzejski, 1877, 18 Oct., 550–561, pl. 31.—Ziegler, 1883, 545.

*kröyeri* Wierzejski, 1877, 550, pl. 31.—Hoyle, 1890, 539.

*kroyeri* Høek, 1856a, 507–512; 1857a, 157–160, 1 fig.

*mitsukurii* Goto, 1894a, 227–229, pl. 19, t. h. *Rhina* sp.; Mitsugahama.—Braun, 1899, 80.—Cerf., 1898b, 341.

*stossichi* Braun, 1899, 80–82, 1 fig. (in *Mustelus laevis*; Berlin Aquarium).

**CALICOTYLEA** Dies., 1850a, 290, 431, subtribe of Monocotylea.—Goldb., 1855, 20.

**CALICOTYLINÆ** Mont., 1903; 1905, 70.

**CALLICOTYLE** Dies., 1858e, 313, 362 (see Calicotyle).—Ben. & Hesse, 1864, 66, 79.—Carus, 1863, 477.—Mont., 1893, 118.—Scott, 1902, 299–300.—Stoss., 1885, 162.

*kroyeri* (Dies., 1850) Dies., 1858e, 362 (on *Raja radiata*, R. *batis*).—Ben. & Hesse, 1864, 79.—Mont., 1888, 7, 15, 53.—Tasch., 1878, 176; 1878, 573.

*kröyeri* Wierzejski, 1877, 550–551.—Scott, 1902, 299–300, pl. 13, fig. 30 (on *Raja clavata*).

*kroyerii* Ben., 1870, 16.

**CALLIOCOTYLE** Scott, 1902, 299–300, for Calicotyle, q. v.

*kröyeri* (Wierzejski, 1877) Scott, 1902, 299–300, pl. 13, fig. 30 (in *Raja radiata*, R. *clavata*).

**CALLOCOTYLE** Scott, 1905, p. 117, for Calicotyle, q. v.

*kröyeri* (Wierzejski, 1877) Scott, 1905, 117.

**CALLODISTOMUM** Odhn., 1902, 154 (m. *diaphanum*).—Pratt, 1902a, 888, 900 (key), related to Anaporrhutineæ.

*diaphanum* Odhn., 1902, 154 (in *Polypterus bichir*; White Nile River).

**CALYCODES** Looss, 1901l, 565 (m. *anthos*); 1902m, 462 (*καλυκώδης*, knospenartig), 463, 839.—Pratt, 1902a, 888, 896 (key).

*anthos* (Braun, 1899) Looss, 1901l, 565–566; 1902m, 458–463, 869, pl. 21, figs. 17, 18 (includes Dist. *anthos* Braun, 1899, 720; 1901, 27, pl. 2, figs. 20–22, 24, 31).

**CALYCOTYLE** Dies., 1850a, 650, for Calicotyle, q. v.

*kroyeri* (Dies., 1850) St.-Remy, 1898, 540, 541 (in *Rhombus maximus*).

*mitsukurii* (Goto, 1894) St.-Remy, 1898, 540–541.—Cerf., 1898b, 341.

**CALYCOTYLINÆ** Mont., 1903, 336 (subf. of Monocotylidæ).



- CAMPULA** Cobbold, 1858b, 168; 1859d, 363 (m. *oblonga*).—Braun, 1893a, 885, 894; 1900g, 249–250, 254; 1901b, 34, 37, 38; 1902b, 5 pp.—Jackson, 1888, 648.—Looss, 1899, 558, 559, 560; 1901, 658; 1901, 208; 1902, 504, 708, 709, 715, 717, 718, 719, 730, 775–778.—Mont., 1888, 92; 1893, 153.—Odh., 1905, 339, 344.—Pratt, 1902a, 887, 893 (key).—Stiles, 1901, 203, 204, 205.—Stiles & Hass., 1898, 85, 88, 97 ([error] syn. *Opisthorchis* R. Bl., 1895).
- bilis* (Braun, 1790) Rail., 1898, 412.
- crassiuscula* var. *janus* (Kowal., 1898) Rail., 1898, 412.
- felinea* (Rivolta, 1884) Kholodk., 1898, 354–355.—Type of *Opisthorchis*.
- janus* (Kowal., 1898) Rail., 1898, 412.
- oblonga* Cobbold, 1858b, 168, pl. 33, figs. 84–85 (in *Delphinus phocaena*) 1860a, 4; 1879, 419.—Braun, 1900g, 249–254, figs. 1–3; 1902b, 5.—Looss, 1899b, 558, 559, 560; 1902m, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 775, 776, 777, 778.—Mont., 1893, 44.—Stiles, 1901, 203, 204, 205.—Stiles & Hass., 1898, 85, 88, 97 (type of *Campula*).—Stoss., 1892, 16 (to Dist.).
- pallata* (Looss, 1885) Looss, 1901, 208.—Type of *Brachycladium*.
- poturzyensis* (Kowal., 1898) Rail., 1898, 412.
- simulans poturzyensis* (Kowal., 1898) Rail., 1898, 412.
- CAPSALA** Bosc, 1811, 384–385 (m. *martinieri*).—Ben., 1858a, 1861a, 11, 38.—Blainv., 1828, 568–569.—Braun, 1890a, 518.—Dies., 1850a, 428 (syn. of *Trist.* Cuv. and pp. syn. of *Trochopus* Dies.).—Johnston, 1865, 30, 33.—Encycl. méthodique, 1824, 164.—Massa, 1906, 51 (of Nord., syn. of *Trochopus*).—Nitzsch, 1826, 150–151.—Nord., 1840, 602.—Tasch., 1878, 563, 566 (syn. of *Trist.*).
- coccinea* (Cuv., 1817) Blainv., 1828a, 569.—Baird, 1853a, 42.—Dies., 1850a, 429 (to *Trist.*).—Moquin-Tandon, 1846, 396.—Tasch., 1878, 567 (to *Trist.*).
- elongata* (Nitzsch, 1826) Nord., in Lam., 1840, 602 (syn. *Nitzschia elegans* Baer).—Baird, 1853a, 42 (includes: *Hirudo sturionis*, *Phylline hippoglossi*, *Trist. elongatum*, *Nitzschia elegans*).—Dies., 1850a, 426 (syn. of *Nitzschia elegans*).—Johnston, 1865, 33.
- maculata* (Rud., 1819) Nord. in Lam., 1840, 602.—Dies., 1850a, 430 (to *Trist.*).—Tasch., 1878, 567 (to *Trist.*).
- martinieri* Bosc, 1811, 384–385 (in *Diodon* sp. incerta).—Blainv., 1828a, 569.—Dies., 1850a, 430 (syn. of *Trist. maculatum*).—Moquin-Tandon, 1846, 396–397.—Nitzsch, 1826, 150.—Tasch., 1878, 567 (to *Trist.*).
- papillosa* (Dies., 1836) Nord. in Lamarck, 1840, 602 (in *Xiphias gladius*).—Dies., 1850a, 431 (to *Trist.*).—Stoss., 1898, 6.—Tasch., 1878, 567 (to *Trist.*).
- rudolphiana* (Dies., 1850a) Johnston, 1865, 33.
- sanguinea* Blainv., see Dies., 1850a, 429 (syn. of *Trist. rudolphianum*).—Nord., 1840, 602 (syn. *Trist. coccineum* Rud.) (in *Xiphias*).—Stoss., 1898, 5.—Tasch., 1878, 567 (syn. of *Trist. molae* Blanch.).
- tubipora* (Dies., 1835) Nord. in Lamarck, 1840, 602.—Dies., 1850a, 428 (type of *Trochopus*; renamed *T. longipes*).—Massa, 1906, 53 (to *Trochopus*).—Mont., 1891, 123.—Stoss., 1898, 7.—Tasch., 1878, 568 (to *Trist.*).
- CAPSALIDE** Baird, 1853a, 41.—Johnston, 1865, 32, 299.
- CATADISCUS** Cohn, 1904, 243 (m. *dolichocotyle*).
- dolichocotyle* (Cohn, 1903) Cohn, 1904, 242–243.
- CATATROPIS** Odhn., 1905, 366, 367 (tod. *verrucosa*).
- verrucosa* (Frölich, 1789) Odhn., 1905, 366–370, fig. 4, pl. 4, fig. 10 (includes *Fasc. verrucosa* Frölich, 1789, 112, pl. 4, figs. 5–7; *F. anseris* Gmelin, 1790a, 3055; *Monost. verrucosum* Zed. of Levin., 1881, 78; ? e. p. *Notocotyle verrucosum* Frölich of Mont., 1892, 40); in *Somateria mollissima*, *S. spectabilis*, *Mergus serrator*; west coast of Sweden and Arctic region; also in *Anser domesticus*, *A. cinereus*, *A. leucopsis*, *Cygnus musicus*, *Bucephala clangula*, from Pommern.
- species from *Spatula clypeata*: Egypt.—Odh., 1905, 369, see Looss, 1899b, 664.
- CATHEMASIA** Looss, 1899b, Dec., 562–563 (tod. *hians*); *κατά* nach unten: *ἡ αἰναστιά* die Dornen.—Braun, 1901b, 33; 1901g, 896; 1902b, 4.—Pratt, 1902a, 887, 896 (key).—Stoss., 1901, 93 (5).
- fodicans* Braun, 1901g, 896–897 (in *Sterna nigra*; Vien. Mus.), 631; 1902b, 4, 5 (in *S. nig.*).
- hians* (Rud., 1809) Looss, 1899b, 563 (of Much.).—Braun, 1902b, 5.—Stoss., 1901, 93 (5).

- CATOPTROIDES** Odhn., in Looss, 1902m, 857 (Gorgoderinæ), 861, 862 (tod. spatula).  
*spatula* (Odhn., 1902) Odhn. in Looss, 1902m, 857, 862.  
*spatuliforme* (Odhn., 1902) Odhn. in Looss, 1902m, 857.
- CENTROCESTINÆ** Looss, 1899b, 586.—Jägers., 1903a, 14.—Pratt, 1902a, 888, 894 (key), contains Centrocestus, Ascocotyle; related genera, Acanthocasmus, Anoiktastoma.
- CENTROCESTUS** Looss, 1899b, Dec., 584, 586 (m. cuspidatus); τὸ κέντρον, spine; ὁ κείρος, Gürtel; 1902m, 832, 833.—Braun, 1902b, 30.—Jägers., 1903a, 14.—Pratt, 1902a, 888, 894 (key).  
*cuspidatus* (Looss, 1896) Looss, 1899b, 582, 584.
- CENTRODERMA** Luehe, 1901, 59 (tod. spinosissimum).  
*spinosissimum* (Stoss., 1883) [Luehe, 1901d, 59].
- CENTROVARIUM** Staff., 1904, May 3, 493 (m. lobotes).  
*lobotes* (MacCallum, 1895) Staff., 1904, May 3, 493 (in Esox lucius, Stizostedion vitreum).
- CEPHALORDELLIDEA** Dies., 1850a, 291 (subtribe of Monocotylea to contain Astacobdella, Peltogaster, Pachybdella, Trachelobdella, Podobdella, Pontobdella, Ichthiobdella, Branchiobdella), 433, 650.—Goldb., 1855, 20.
- CEPHALOGONIMINÆ** Looss, 1899b, Dec., 628; 1900, 561.—Luehe, 1901, 487, 488.—Pratt, 1902a, 889, 901 (key), includes Cephalogonimus, Emoleptalea, Prosthogonimus; related genus Stromylotrema.
- CEPHALOGONIMUS** Poir., 1886, 22 (m. lenoiri) κεφαλή, γόνιμος.—Braun, 1892a, 642, 645, 696, 704, 705, 713, 715, 733; 1893a, 885, 886, 890, 893, 909, 911; 1895, 138; 1900h, 3; 1902b, 68.—Looss, 1894a, 173, 174; 1899b, 536, 538, 541, 625, 626-627, 628, 721.—Luehe, 1899, 539; 1900, 555.—Moniez, 1896, 89.—Mont., 1888a, 15, 34, 92, 104; 1892, Oct. 7, 214 (gen. of Distominæ); 1893, 82, 95, 154, 157; 1896, 167.—Neumann, 1892, 345.—Pratt, 1902a, 889, 901 (key).—Stiles & Hass., 1898a, 85-86, 96.—Stoss., 1892, 4; 1898, 23.  
*americanus* Staff., 1902, 5 Nov., 719-725, 1 pl., figs. 1-4 (in Rana virescens; Ashbridge's Bay, Toronto; May; also ? R. clamata); 1902, 30 Dec., 844; 1905, July, 52; 1905, Apr. 11, 687 (int. R. vir.; R. clamata).  
*lenoiri* Poir. [1885, 3, pl. 2, figs. 1-2;], 1886, 22-24, pl. 2, figs. 1-3 (in Tetrathyrva vaillantii Roch; Sénégal).—Braun, 1892a, 734; 1899b, 715; 1902b, 68.—Looss, 1899b, 626, 627; 1902m, 418 (in Trionyx nilotica), 783.—Luehe, 1899, 539.—Mont., 1893, 83, 102, 105, 106, 107, 157; 1896, 167 (lenori).—Stiles & Hass., 1898a, 85, 96.—Staff., 1902, 719, 725.—Stoss., 1895, 213.
- lenori* Mont., 1896, 167, for lenoiri.
- ovatus* (Rud., 1803) Stoss., 1892, 144; 1896, 126; 1898, 23; 1902, 13 (of 1896, 126, syn. of Cyclocorulum mutabile Zed.).—Hass., 1896a, 2 (syns. Fasc. ov. Rud., Dist. ov. (Rud.); D. bursicola (Rep.) (in Gallus dom.).—Looss, 1899b, 629 (type of Prymnopriion), 720, 721.—Luehe, 1899, 539 (type of Prosthogonimus).—Mont., 1893, 157.—Rail., 1893a, 368.—Sons., 1890, 134.—Stiles & Hass., 1898a, 85.—Reported also for Accipiter nisus, Anser cinereus dom., Ardea cinerea, Bucephala clangula, Buteo vulgaris, Corvus cornix, Gallinago scolopacina, Harelda glacialis.
- pellucidus* (Linst., 1873) Rail., 1890, 138; 1893a, 369.—Braun, 1902b, 68.—Hass., 1896a, 2 (in Gallus dom.).—Looss, 1894a, 174.—Mont., 1893, 157.—Stiles & Hass., 1898a, 85.
- CERATIUM** Schrank, 1793.—Nitzsch, 1827, 69, contains Cerc. tripos [cf. Ceratium for Keratella Bory, 1824].
- CERCARIA** Mueller, 1773, 64-70 (contains gyrimus, catellus, podura, lupus, lemna, cyclidium, tenax, pleuronectes) [apparently lemna is type; cf. Braun, 1889a, 312, 315; 1786.—Abildg., 1793, 88.—Aitken, 1866, 801, 806, 837; 1872, 144, 148, 204.—Assenova, 1899, 64-65.—Ben., 1882b, 14.—R. Bl., 1888a, 551, 557, 558, 559, 560, 561, 562, 604, 605, 610, 620, 627, 628, 647; 1890h, 2-3.—Bojanus, 1818a, 729-730 [688-689].—Bory de St. Vincent, 1823a, 354-355; 1823b, 355-356 (cercariées); 1824d, 189-191.—Bosc, 1802a, 223-224.—Braun, 1889a, 312 (only malleus and lemna of Mueller's original species of 1773 are true Cercaria); 315 (only iniquita and lemna of Mueller's, 1786, Cercaria are true Cercaria); 1890a, 515; 1892a, 767, 775; 1893a, 884; 1893b, 183 (of Dist. recurvatum Linst., in Physa alexandrina).—Bruguère, 1792, 456, 458.—Burm., 1837, 529; 1856a, 246, 250.—Cobbold, 1858a, 9 (structure); 1859d, 365 (in Cervus axis).—Dadai, 1888c, 107-109; 1888e, 105-106, pl. 3, fig. 16; 1888f, 84-86, pl. 3, figs.

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- 11, 13 (Gulf of Naples); 1888g, 107-109, pl. 3, figs. 11, 13.—Dies., 1850a, 286, 293 (of Abildg., syn. of Cheilost.), 294 (of Nitzsch, syn. of Malleolus), 295-298, 299 (of Nitzsch, syn. of Histriionella); 1855a, 377-400 (revision); 1858d, 239-290, 245-246.—Duj., 1845a, 475-478; 1845b, 57-58.—Eichwald, 1829a, 247.—Fewkes, 1822a, 134-145 (with caudal setae); 1882b, 192.—Gmelin, 1790a, 3891.—Goldb., 1855a, 16.—Herbst, 1787a, 19; 1789a, 129.—Hogg, 1870a, 232-235, pl. 50, figs. 1-3.—Jackson, 1888, 643, 651, 652, 653.—Johnston, 1865, 18.—Lereboullet, 1847a, 300 (migrations); 1847b, 266 (in insects).—Lespès, 1857b, 113-117, figs. 11-16 (of marine mollusks).—Leuck., 1863, 34, 73, 74, 493; 1879a, 41, 96; 1886d, 31, 72, 376.—Lint., 1905, 333, 401 (in *Monacanthus hispidus*).—Loos, 1892a, 124.—Mont., 1888, 4, 14, 24, 35, 37, 44, 45, 46, 74, 76, 79, 83, 94; 1892, 38.—Mueller, 1786, 119; 1850, 496.—Moul., 1856, 123.—Nitzsch, 1827, 66-69.—Nord., 1840, 617, 630-632.—Pag., 1857, 3, 4.—Parkes, 1891, 267.—Perroncito, 1879, 7-9 (in *Rana esculenta*); 1880, 454; 1884, 154; 1885, 208-209.—Piana, 1882, 12 pp. (of mollusks); 1882, v. 5.—Quintart, 1905, 724-725 of *Barleeia rubra* (Adams).—Schränk, 1803, 20.—Sieb., 1839, 153; 1850, 668.—Sons., 1884, 15 Dec., 57-61 (cellules à bâtonnets).—Steenstrup, 1842, 28.—Tasch., 1879, 233.—Vaney, 1901, 29 Apr., 1062-1064; 1901, 105 (in land mollusks).—Villot, 1875, 479 (in *Conus mediterraneus*).—Wagener, 1834, v. 27 (2), 131-132, pl. 1, fig. 4; 1857, 21.—Ward, 1903, 863, 864.—Wagner, 1883, 120.
- 1888: *Cercavia* Mont., 1888, 80, misprint.
- I. Baer, 1827b, 621, pl. 31, figs. 1-4.—Dies., 1850a, 295 (syn. of *Cerc. vesiculosa*).
- II. Baer, 1827b, 622, pl. 31.—Dies., 1850a, 296 (syn. of *Cerc. chlorotica*).
- III. Baer, 1827b, 623, pl. 31, fig. 3.—Dies., 1850a, 296-297 (syn. of *Cerc. brunnea*); 1855a, 387.
- V. Baer, 1827b, 625, pl. 31, figs. 5a, a.—Dies., 1850a, 299 (syn. of *Histriionella ephemera*).
- VI. Baer, 1826a; 1827b, 627, pl. 31, figs. 6a, 6b.—Dies., 1850a, 295 (syn. of *Malleolus furcatus*).
- VII. Baer, 1827b, 629, pl. 31, figs. 7a-b.—Dies., 1850a, 297 (syn. of *Cerc. fallax*); 1855a, 388.
- acerca* Biehringer, 1884a, 3 (in *Onchidium carpenteri* Stearns).—Braun, 1892a, 807 (in *O. carp.*).
- aculeata* Erc., 1881. See Par., 1894, 163 (in *Lymnæa auricularia*; Bologna).
- affinis* Eichwald, 1829a, 247-248, pl. 1, fig. 15a-c (in *Lymnæus stagnalis*).
- agilis* Fil., 1857c, 4-5, pl. 1, fig. 2 (in *Lymnæus stagnalis*; Turin).—Ben., 1858a, 1861a, 215, 216.—Dies., 1858d, 248-249 to (*Gymnocephala*).—Par., 1894, 162.
- agilis* Leidy, 1858a, 110 (free in Delaware River); 1904a, 111.
- alata* (Hemp. & Ehrenberg, 1828) Moul., 1856a, 213.
- alba* Erc., 1881e, 12 (for *C. brunnea* var. Dies.); 1882a, 248.
- amphistomi subclavati* Ben., 1858a, 82 (in *Cyclas cornea*, etc.).—Dies., 1859c, 435 (syn. of *Diplodiscus subclavatus*).—Erc., 1881e, 24, 35; 1882a, 260, 271.—Gerv. & Ben., 1859, 212.—Moul., 1856a, 20, 95, 106-107, 125, 208-211, pl. 6, fig. 10 (syns. *Redia gracilis* Fil., 1837, *Diplodiscus diesingii* Fil., *Diplocotyle mutabile* Dies.) (in *Planorbis nitidus*; Ticini; P. vortex; Moncalier).
- arcuata* Steenstrup.—Erc., —.—See Par., 1894, 164 (in *Lymnæa obscura*, L. *stagnalis*; Bologna).
- armata* Sieb., 1837, 187 (based on Wagener, 1834, 131); [1835, 336;] 1850, 646, 669; 1854, 18, 21, 26, 27, 28.—Baillet, 1866b, 9, 92, 93, 94, 96.—Ben., 1858a, 1861a, 91, 92, 96, 168, 180, 220.—Biehringer, 1884, 2, 11, 14, 17, 24, 25.—Braun, 1892a, 598, 634, 636, 642, 701, 769, 771, 797, 806, 807, 809, 810, 814; 1893a, 820, 822, 829, 839, 848, 859, 963; 1900, 225.—Cobbold, 1879b, 454.—Desmonceaux, 1868, 21.—Dies., 1850a, 298 (includes *Dist. tarda*); 1855a, 377, 381, 388 to (*Xiphidiocercaria*) (in *Lymnæus stagnalis*, *Planorbis corneus*); 1858d, 251-252 to (*Acanthocephala*), larva of *Dist. endolobum* Duj. (in *Plan. corn.*, *Lymn. stag.*, *Paludina impura*), 259 (of Fil., 1855b, 305, pl. 1, figs. 2-4, syn. of *C. (Acanthocephala) micracantha* Dies.); 1859c, 434.—Dowker, 1882a, 9, 11.—Erc., 1881e, 13, 15, 18, 21-23, 48, pl. 1, figs. 32-37; 1882a, 249, 251, 254, 257-259, 284; 1881e, 19-21; 1882a, 255-257 (of Steenstrup).—Fil., 1854a, 6, 7, 8, 9, 10, 12, 22, 24; 1855b, 3-5, 7, 20, 21, 23, pl. 1, figs. 1-4 (in *Lymn. pal.*; Mon-

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- calier); 1856a, 257; 1857c, 3, 16, 32.—Florance, 1866a, 4, 11.—Fraipont, 1880a, 397; 1880c, 417, 419, 441; 1881b, 4; 1883a, 35.—Hahn & Lefèvre, 1884a, 516.—Harz, 1881c, 4.—Hoyle, 1890, 538 (cf. *Dist. signatum*; D. muris).—Juel, 1889, 15.—Kath., 1894a, 136, 139.—Kerbert, 1881a, 556.—Knoch, 1862, 100, 103.—Leuck., 1863, 73, 504, 506, 508, 510, 511, 515, 522, figs. 146, 168, 175, 176, 177; 1879a, 96.—Linst., 1873, 1 (larva of *Dist. endolobum* Duj.); 1887, 98, 99, 100; 1887, 102 (syn. of *Dist. ascidia* Ben.).—Looss, 1885b, 19; 1892a, 128; 1894a, 90 (armatæ), 237, 252.—Macé, 1882, 61.—Mont., 1888, 26, 41, 45, 77, 78, 80; 1888, 196, 197.—Moul., 1856a, 77 (Lymn. stag., Plan. corn.), 78–79, pl. 5, figs. 2–4, 80, 102, 103, 116, 118, 146–152, pl. 5, bis fig. 10, 153, 154, 155, 156, 162, 163, 186, 217, 226, 227, 234 (in Pal. imp. Valette; Berlin; Lymn. stag., Plan. corn., Lymn. palustris; Moncalier).—Nord., 1840, 631.—Pag., 1857, 9, 18–19, 39 (in Lymn. stag.).—Par., 1894, 162.—Roewer, 1906, 217.—Rossbach, 1906, 363.—Schwarze, 1886, 63.—Sons., 1897, 253.—Steenstrup, 1842, 42–47, 51, 57, 78–94, pl. 3, figs. 1–6.—Stoss., 1892, 21.—Tennent, 1906, 661.—Valette St. George, 1855, 18, pl. 1, figs. P–Q.—Villot, 1882, 507.—Vogt, 1878, —, fig. 33.—Wagener, 1834, 131, pl. 1, fig. 4; 1857, 22.
- armata minor* (Distomi retusi) Ben., 1858, 98, pl. 11, figs. 9–27 (in Lymnæus stagnalis; Belgium).—Dies., 1859c, 434 (syn. of *Dist. retusum*).
- armatæ* Looss, 1894a, 90, not as specific name, but as descriptive of several forms and used in the plural.
- bilineata* Haldemanni, 1840a, 3 (in *Limnea catascopium*; Camden on Delaware).—Dies., 1850a, 300 (to *Histriionella*).
- bipartita* Sons., 1897, 253 (in *Limnæa palustris*; Pisa); 1897, 4.
- brachysoma* Villot, 1878, 27–28, pl. 9, figs. 1–3 (in *Anthura gracilis* Leach).—Mont., 1888, 94 (larva of *Dist. brachysoma*).
- brachyura* Fil., 1837a, 337, figs. 8–14 (in *Planorbis submarginatus*; Pavia), teste Par., 1894, 161 (in Plan. submarg.; Pavia), see next entry.
- brachyura* Dies., 1850a, 296 (*Dist. polymorphum* Fil., 1837a, 337, figs. 8–14, renamed) (in *Planorbis submarginatus*; Ticini); 1855a, 386 to (*Eucercaria*); 1858d, 257, to (*Acanthocephala*) (syns. C. (*Eucerc.*) br.; (in Plan. submarg.; Ticini; P. nitidus, P. vortex).—Moul., 1856a, 213 (syn. *Dist. polymorphum* Fil., 1837).
- brachyura* Lespès, 1857b, 117, pl. 1, fig. 15 (in *Trochus cynereus*).—Braun, 1893a, 831.—Dies., 1858d, 257 syn. of C. (*Acanthocephala*) *pachycerca*.—Pag., 1862, 297 (in *Trochus cinereus*).—Villot, 1875, 479 (in *Trochus cinereus*).
- brevicaudata* Piana, 1882 (in *Helix carthusiana*; Reggio Em.) teste Par., 1894, 161, 622.
- brunnea* Dies., 1850a, 296–297 (*Cerc. III. Baer*, 1827b, 623, pl. 31, renamed) (in *Limnæus stagnalis*; Regiomontii); 1855a, 387 to (*Eucercaria*); 1858d, 247, to (*Gymnocephala*), syn. C. (*Eucerc.*) br.; (in Lymn. stag.).—Baillet, 1866b, 96.—Ben., 1858a, 1861a, 89, 180 (syn. of *Dist. echinata*).—Erc., 1881c, 8–9, 11, 12, pl. 1, figs. 3–9; 1882a, 244–245, 247, 248 (in *Paludina vivipara*).—Linst., 1887, 104.—Moul., 1856a, 80–81, 118, 157–158 (in Lymn. stag.).—Par., 1894, 162 (in Pal. vivip.; Bologna, Erc.).
- buccini mutabilis* (Fil., 1855) Dies., 1858d, 266, to (*Acanthocephala*) (syn. *Dist. bucc. mutab.* Fil., 1855b) (in *Buccinum* (*Nassa*) *mutabile*; Genoa).—Mont., 1888, 75.—Moul., 1856a, 85, 104, 168.
- bucephalus* Erc., 1881c, 40, 41–44, 60, 87, pl. 1, figs. 38–42; 1882a, 276, 277–280, 296, 323 (from *Unio pictorum*).—Braun, 1893a, 834, 839.—Tennent, 1906, 641, 643 (in *Unio*, *Anodonta*).—Ziegler, 1883, 541.
- capriciosa* Cuénot, 1892, in 1–23 (in *Synapta inhærens*) teste Braun, 1893a, 921 (syn.? *Cerc. megacotyle* Vill.); 1893b, 183.
- capsularia* Sons., 1892, 7. Oct., 144–146, pl. 18, figs. 6–7 (in *Cleopatra bulimoides*; Cairo, Egypt).—Braun, 1893b, 183.—Looss, 1896b, 223, 226, 227, pl. 16, figs. 183–190 (in Cl. bul. Jick.; near Alexandria).
- caryophyllata* Bory St. Vincent, 1823a, 354 (in *Infusions de chènevis*).
- catellina* Mueller, 1786, 130–131, pl. 20, figs. 12–13 (in *Aqua fossarum*, ubi Lemna).—Bosc, 1802a, 226–227.—Bruguière, 1792a, 456, 462–463.—Nitzsch, 1827, 68 to *Dicranophorus*.

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- catellus* Mueller, 1773, 65–66 (“in aqua anno ferre in vasculo cum Hydrachnis servata ac in aqua flores per septimanam nutriente”); 1776, 206; 1786, 129–130, pl. 20, figs. 10–11.—Bosc, 1802a, v. 3, 226.—Bruguière, 1792a, 456, 462.—Gmelin, 1790a, 3892.—Herbst, 1789a, 129.—Nitzsch, 1827, 68 to Dicranophorus.
- cellulosa* sp. inq. Looss, 1896b, 227–229, 232, pl. 14, figs. 159–161 (in *Melania tuberculata* Bourg.; near *Alexandria*, Egypt).
- cercopitheci* Cobbold, 1861e, 119 (in *Cercopithecus fuliginosus*).
- cervi* Cobbold, 1861e, 119 (in *Cervus axis*).
- chlorotica* Dies., 1850a, 296 (Cerc. II. Baer, 1827b, renamed) (in *Paludina vivipara*: *Regiomontii*); 1855a, 386 to (*Eucercaria*); 1858d, 252–253 to (*Acanthocephala*) (syn. C. (*Eucerc.*) *chlor.* Dies.) (in *Pal. vivip.*).—Baer, 1827b, 622, pl. 31.—R. Bl., 1888a, 554.—Erc., 1881c, 7–8, 9, 11, 12, pl. 1, figs. 1–2 (in *Pal. vivip.*, *P. achatina*); 1882a, 243–244, 245, 247, 248.—Fil., 1854a, 7.—Mont., 1888, 75.—Moul., 1856a, 80, pl. 5, fig. 7, 103 (syn. of *C. microcotyla* Fil.), 157, pl. 5, bis fig. 12 (syn. Cerc. II of Baer; in *Pal. vivip.*).—Par., 1894, 163.
- clausi* Mont., 1888, 79 (for *clausii*).
- clausii* Mont., 1888, 77, 79 (*clausi*); 1891, 110.—Braun, 1893a, 837, 854.—Giard, 1897c, 954, 955 (*clausi*).—Pintner, 1891, 285–294, 1 pl.; 1892, 619.
- columbellæ* Pag., 1862, 306, pl. 29, figs. 1–3 (in *Columbella rustica*).—Braun, 1889a, 362 (in *Col. rust.*); 1893a, 831.—Par., 1894, 163 (in *Col. rust.*; *Spezia*).
- cometa* Bory St. Vincent, 1823a, 354 (in *Intusions d'orge*).
- coni mediterranei* Fil., 1857c, 14.—Mont., 1893, 2.—Par., 1894, 163 (in *Conus mediterraneus*; *Mediterranean*).
- conum* Erc., see Par., 1894, 164 (in *Bythinia tentaculata*; *Bologna*).
- cornuta* Bosc, 1802a, v. 3, 224, pl. 32, fig. 2.
- coronata* Fil., 1855b, 10–13, 15, 23, pl. 1, figs. 11–13 (in *Lymnæus palustris*, *L. stagnalis*; *Moncalier*); 1857b, 426–429, pl. 1, figs. 11–13; 1857c, 4.—Biehinger, 1884, 5, 22.—Dies., 1858d, 249, 250, to (*Gymnocephala*) (in *Lymn. pal.*, *L. stag.*).—Moul., 1856a, 100, 111–114 (*redia*), 117, 118, 202–203 (in *Lymn. stag.*; *Moncalier*; *L. pal.*).—Par., 1894, 162.
- cotylura* Pag., 1862, 293–305, pls. 28–29, figs. 9–10 (in genital glands of *Trochus cinereus*; *Cette*).—Biehinger, 1884, 15.—Braun, 1892a, 809; 1893a, 831, 839.—Levin., 1881a, 81.—Ziegler, 1883, 540.
- crassa* Erc., 1881 or 1882, see Par., 1894, 164 (in *Bythinia tentaculata*; *Bologna*).—Looss, 1894a, 32.
- crassicauda* Erc., 1881 or 1882, see Par., 1894, 164 (in *Bythinia tentaculata*; *Bologna*).
- cristata* LaValette, 1855, 23, pl. 2, fig. K (in *Limnæus stagnalis*).—Braun, 1893a, 821, 832, 834, 839; 1893b, 183 (in *Cleopatra bulimoides*; *Cairo*, Egypt).—Dies., 1858d, 243 (syn. of *Lophocercaria fissicauda* Dies.).—Erc., 1881c, 37–41, 42, 43, 44, 87, pl. 1, figs. 23–26 (in *Limn. stag.*); 1882a, 273–277, 278, 279, 280, 323.—Fil., 1856b, 86; 1857c, 7–8, pl. 1, fig. 11 (in *Valvata piscinalis*, *Paludina impura*, *Planorbis submarginatus*, *Lymn. stag.*, *L. palustris*).—Looss, 1896b, 210.—Moul., 1856a, 110, 118, 141, 173 (in *Lymn. stag.*; *Berlin*).—Par., 1894, 162.—Ziegler, 1883, 564.
- crumena* Mueller, 1786, 129, pl. 20, figs. 4–6 (in *infusio Ulvæ linzæ marino*).—Bosc, 1802a, v. 3, 226.—Bruguière, 1792a, 456, 462.—Nitzsch, 1827, 68–69 (type of *Crumena*).
- cucumirina* Erc., 1881, see Par., 1894, 164 (in *Bythinia tentaculata*; *Bologna*).—Braun, 1893a, 831.
- cycladis rivicolæ* Dies., 1850a, 298 (based on Sieb., 1837, 388) (in *Cyclas rivicola*, *liver*); 1855a, 400 to *Cercariaeum*.—Moul., 1856a, 85, 168 (in *Cyc. rivic.*).—Uličný, 1878, 212.
- cyclidium* Mueller, 1773, 68–69 (in “*aquis purioribus frequens*”); 1776, 206; 1786, 137–138, pl. 20, fig. 2.—Bosc, 1802a, v. 3, 228.—Bruguière, 1792a, 457, 465.—Gmelin, 1790a, 3891.—Herbst, 1789a, 130.—Nitzsch, 1827, 69 (type of *Cyclidium*).—Schränk, 1803, 84.

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- cymbulia* Græffe, 1860a, 47-49, pl. 10, figs. 4-9 (in *Cymbulia peronii* Les.; Nizza).—Braun, 1892a, 672; 1893a, 833.—Mont., 1888, 75, 77, 81; 1893, 209.—Pag., 1862, 298.—Par., 1894, 165.
- cystophora* Will.-Suhm, 1870, 5 (for *cystophora*).
- cystophora* Wagener, 1866, 145, 146 (in *Planorbis marginatus*).—Biehringer, 1884, 15, 22.—R. Bl., 1888a, 603, 605.—Braun, 1883a, 54, 64; 1889a, 365 (t. h. Plan. marg.); 1891c, 218; 1891f, 369; 1892a, 775, 804; 1892b, 188; 1893a, 817, 832, 833, 834, 854, 857; 1893b, 183; 1898a, 1581.—Cobbold, 1876, 211; 1879b, 324.—Creutzberg, 1890a, 6, 7, 8, 27, 29.—Dolley, 1894a, 984 (of Will.-Suhm, larva of *Dist. ovocaudatum*); 1901, 984.—Gamb., 1896, 72.—Hahn & Lefevre, 1884a, 538.—Kholodk., 1898, 28.—Leuck., 1876a, 873.—Looss, 1894a, 111; 1896b, 226, 227, pl. 16.—Rossbach, 1906, 369.—Sons., 1897, 253.—Ssinitzin, 1906, 686 (larva of *Halipegus ovocaudatus*).—Stoss, 1892, 23.—Will.-Suhm, 1870, 4, 5.—Ziegler, 1883, 540.—Zuern, 1882, 209.
- dichotoma* Mueller, in La Valette, 1855, 38 [see Mueller, 1850, 485-500].—Dies., 1858d, 265 (free; Nice), to (*Schizocerca*).—Mont., 1888, 77; 1896, 164.—Moul., 1856a, 213-214.—Pag., 1862, 298.—Villot, 1875, 477, 479; 1878, 37.
- diesingii* (Fil., 1837) Moul., 1856a, 95-96, pl. 5, bis fig. 5 (syns. *Diplodiscus diesingii*; *Redia gracilis*) (in *Planorbis nitidus*, *P. vortex*).—Dies., 1858d, 272 (syn. *Diplocotyle mutabilis*).
- diplocotylea* Pag., 1857, 25-27, 49, 52, pl. 3, figs. 9-12 (in *Planorbis marginatus*; includes *Redia gracilis* Filippi); 1862, 301.—Braun, 1893a, 839.—Cobbold, 1879b, 452, 454.—Dies., 1858d, 241, 242, 273 (syn. of *Diplocotyle mutabilis*).—Fil., 1857c, 32.—Kitt, 1885a, 148 (larva of *Amphist. subclavatum*).—Looss, 1902m, 444 (syn. of *Amphist. subcl.*).—Villot, 1878, 36 (syn. *Diplodiscus diesingii* Filippi).
- discus* Mueller, 1786, 138, pl. 20, fig. 3 (in *aqua palustri raro*).—Bosc, 1802a, v. 3, 228.—Bruguière, 1792, 457, 465-466.—Nitzsch, 1827, 69 (to *Cyclidium*).
- distomatosa* Linst., 1889a, 118, based on Sons., 1884, 98-102 (in *Cleopatra bulimoides*).—Braun, 1893b, 183 (in *Cl. bul.*).—Looss, 1896b, 197-204, pl. 14, figs. 152-158 (in *Cl. bul.*; Egypt).—Sons. [1884, 61 (*Cercaire distomateuse*)], 1892, Oct. 7, 144 (in *Cl. bul.*; Cairo, Egypt).
- distomi folii* Looss, 1894a, 251 (syn. *Dist. duplicatum*).
- d[istomi] hepatici* Looss, 1894a, 252.
- distomi homolostomi* Linst., 1889a, 120, based on Linst., 1887d, 104-105, pl. 2, figs. 5-6, 17a (in *Limnæa stagnalis*).
- distomi militaris* Braun, 1893a, 832, based on Ben., 1858a.
- distomi perlati* Looss, 1894a, 32.
- distomi retusi* Linst., 1878a, 327, based on Ben., 1858a, 98, pl. 11, figs. 7-27 (in *Limnæa stagnalis*).
- duplicata* (Baer, 1826) Moul., 1856, 77-78, 100, 116, 119, 143-146, 173, 177, pl. 5, fig. 1, pl. 5, bis fig. 9 (to *Dist.*) (in *Anodonta ventricosa*, *A. anatina*, *A. cygnea*).—Braun, 1893a, 832.—Dies., 1858d, 271 (syn. of *Rhopalocerca tardigrada* Dies.).—Looss, 1894a, 23, 256, 264.
- ecaudata* Eichwald, 1829a, 248, pl. 1, figs. 16a-c (in *Lymnæus stagnalis*).
- echinata* Sieb., 1837, 187 (in *Lymnæus stagnalis*; Gedani); 1845, 228; 1850, 671.—Baillet, 1866b, 93 (of Duj.).—Ben., 1858a, 1861a, 86, 180 (syn. of *Dist. militare*), 89 (to *Dist.*), 204, 215, 221.—Biehringer, 1884, 5, 7.—Braun, 1883a, 53, fig. 13; 1892a, 770, 772, 797; 1893a, 863; 1906, 144, 79.—Chatin, 1894b, 1356-1358 (excretory canals); 1895a, 20.—Dav., 1877, lxxi, fig. 33.—Dies., 1850a, 297 (syn. of *C. fallax*); 1855a, 377, 378 (tail), 380, 388, 390 to (*Hormocercaria*), 391; 1858d, 246, 248, 260-262 to (*Nephrocephala*) (syn. *C. (Hormocerc.) ech.* Siebold) (in *Paludina vivipara*, *Planorbis corneus*, *Lymn. stag.*) (larva of *Dist. ech.*), 261 to (*Hormocercaria*); 1858e, 344 (*C. Nephrocephala*) *ech.* syn. of *Dist. ech.*)—Erc. 1881e, [14], 15, 22-25, pl. 1, figs. 50-58, pl. 2, figs. 1, 2-5, 46, 47, 48, 52, 57, 70, 73, 88, 90; 1882a, [250], 251, 258, 261-269, 282, 283, 284, 288, 293, 307, 309, 324, 326.—Fil. 1854a, 6, 9, 14, 16, 17, 18, 21, 22, 24; 1855b, 10, 11, 19, 20, 21, 22, 25; 1856a, 267; 1857c, 4, 21.—Hahn & Lefevre, 1884a, 516.—Henle, —, 6.—Keber, 1851a, 90.—Leuck., 1863, 494, 498, 516, 518, 519, figs. 169, 174.—Linst., 1873, 1 (larva of *Dist. ech.* Zed.); 1873, 106

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- (larva of Dist. ech. Zed.) (in Plan. corn., Pal. vivip., Lymn. stag.).—Looss, 1894a, 252; 1902m, 455.—Mont., 1893, 205.—Moul., 1856a, 67, 68, 77, 90–93, pl. 5, figs. 15–17, 95, 96, 97, 105, 106, 109, 110, 111, 112, 116, 118, 135, 138, 184–190 (syns. C. VII. Baer, C. fallax Dies.), pl. 6, fig. 7, 191, 192, 193, 203 (in Lymn. stag., Pal. vivip., P. impura; Berlin).—Mueller, 1843, v. 6, 57–60 (= C. fallax).—Nord., 1840, 631.—Par. 1894, 162.—Roessbach, 1906, 363.—Sons. 1897, 252.—Spengel, 1905, 258.—Steenstrup, 1842, 28–40, 41, 49, 51–78, pl. 2.—Tennent, 1906, 661.—La Valette, 1855, 16, pl. 1, figs. C–M.—Wagener, 1857, 39, pl. 36A, fig. 12.—Waldenberg, 1860, 21.
- echinatoides* Fil., 1854a, 14–24, 25, 26, 28, pl. 2, figs. 19–25; 1854b, 266–278, pl. 2, figs. 19–25 (in Paludina vivipara, P. achatina; Lake Varese; Lombardy); 1855b, 11, 12, 13, 16, 18, 19, 23, 25 (syn. C. echinifera La Valette); 1857c, 4, 16, 21.—Baillet, 1866b, 93, 94, 96, 98.—Braun, 1892a, 797.—Dies., 1855a, 377, 380, 382, 387, 391–392 to (Hormocercaria); 1858d, 261, 262–263 to (Nephrocephala) (syns. C. (Hormocerc.) echinatoides Fil.; Cerc. echinifera La Valette; Dist. echiniferum Pag.) (adult of Dist. echiniferum La Valette) (in Pal. vivip., P. achatina); 1858e, 346 (C. (Nephrocephala) echinatoides as syn. of Dist. echiniferum).—Erc., 1881e, 25, 26, 28, 29, 31; 1882a, 261, 262, 264, 265, 267.—Harz, 1881c, 3.—Linst., 1873, 106 (larva of Dist. trigonocephalum Rud.) (in Pal. vivip., P. achatina).—Moul., 1856a, [72], 74, 93–94, pl. 5, bis fig. 1, 97, 105–106, 116, 149, 190, 191–201, pl. 6, fig. 6, 202, 203, 226, 227, 228, 229, 234 (syn. C. echinifera La Val.) (in Pal. vivip.; Berlin).
- echinifera* La Valette, 1855, 14–16, pl. 1, figs. A–F (in Paludina vivipara).—R. Bl., 1888a, 605.—Braun, 1892a, 772.—Dies., 1858d, 261, 262 (syn. of C. (Nephrocephala) echinatoides Fil.).—Dolley, 1894a, 984 (= echinatoides).—Erc., 1881e, 25 (= echinatoides), 26, 28, 29, 31; 1882a, 261, 262, 264, 265, 267.—Fil. 1855b, 25 (syn. of C. echinatoides Fil.); 1857c, 21.—Hahn & Lefèvre, 1884a, 516.—Linst., 1873, 106 (larva of Dist. militare Rud.) (in Pal. vivip.).—Moul., 1856a, 105, 109, 110, 191, 192, 200 (syn. of C. echinatoides Fil.).—Pag., 1857, 53.—Will.-Suhm, 1870, 4.
- echinocerca* Fil., 1855b, 17–19, 22, 23, 25, pl. 2, figs. 19–20 (in Buccinum linnæi; Gulf of Gênes); 1857, 433–435, pl. 2, figs. 19–20.—Dies., 1858d, 268 (Histrionella echinocerca Dies.).—Mont., 1888, 10, 77; 1888, 195, 198; 1888, 194; 1893, 2, 124.—Moul., 1856a, 114–115, 116, 211–212 (in Bucc. linn.; Gulf of Gênes).—Villot, 1875, 479 (in Bucc. linn.).
- efemera* Seinitzin, 1905, 158 for ephemera.
- elegans* Mueller, in La Valette, 1855, 13, 38, pl. 2, fig. 2, based on Mueller 1850, 496, free form.—Braun, 1893a, 831, 832.—Dies., 1858d, 269 (to Histrionella).—Mont., 1888, 194, to (Hist.).—Moul., 1856a, 214.—Pag., 1862, 298.—Villot, 1875, 479; 1878, 35.
- ephemera* Nitzsch (1807), 33–36; 1817, 29, pl. 1, figs. 1–13 (in Planorbis corneus; Halle); 1827, 67–68 (Pl. corn.).—Baillet, 1866b, 95, 96, 98.—Biehinger, 1884, 5.—Braun, 1892a, 770, 772; 1893a, 848, 849, 851, 858.—Brett, 1881b, 141.—Dies., 1850a, 299 (to Histrionella); 1855a, 392 (to Hist.); 1858d, 244 (of Sieb., syn. of Glenocerc. flava), 267 (of Wagener to Hist.).—Duj., 1845a, 478.—Eichwald, 1829a, 247, 248.—Erc., 1881e, 23; 1882a, 259 (of Nitzsch as doubtful syn. of Cerc. tripunctata Erc.).—Fil., 1855b, 20, 22, 25 (syn. C. flava La Valette); 1857c, 31.—Florance, 1866a, 12.—Hemp. & Ehrenb., 1828a (to Hist.).—Leuck., 1863, 494, 515, 522, 523.—Looss, 1896b, 194, 197.—Moul., 1856a, 77, 94, 95, pl. 5, bis fig. 3, 116, 204–208, pl. 6, figs. 4, 5 (syns. Hist. ephemera Hemp. & Ehrenb.; C. flava LaVal.) (in Plan. corn. by Sieb. and Val.; Paludina impura by Baer; P. vivipara by Nitzsch and Baer).—Nord., 1840, 631 (eyes; cf. Hist. Ehrenb.).—Pag., 1857, 24–25, pl. 2, figs. 7–12 (in Plan. corn.).—Sieb., 1835, 70; 1837, 187, 189; 1850, 670; 1854, 14, 18, 19, 25, figs. 1, 4–9, 13, 14.—Sons., 1897, 252.—Ssinitzin, 1905, 158 (efemera).—Steenstrup, 1842, 37, 51–55, 56, 65, 94.—Wagener, 1857, 21.
- ericetorum* Linst., 1898, 761–762, fig. 8 (in Xerophilus ericetorum; near Göttingen, Germany).
- exfoliata* Moul., 1856a, 87, 116, 180–183, pl. 6, figs. 13, 14 [new name for Dist. of Leucochloridium paradoxum].—Cobbold, 1879b, 435.—Dies., 1858d, 277 (syn. of Leuc. par. Carus).—Erc., 1881e, 55 (Cerc. of Leuc. par.); 1882a, 291.—Zeller, 1874.
- exigua* Looss, 1896b, 230–232, pl. 16, figs. 181–182 (in Cleopatra bulimoides; Egypt).

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- fallax* Dies., 1850a, 297 (includes "Cerc. echinatum Siebold?" Dist. pacifica; Cerc. VII. Baer) (in *Paludina vivipara*, *Limnæus stagnalis*); 1855a, 380, 387 to (Eucerc.) 388, 391 (Dies., 1850a, partim as syn. of C. (Hormocerc.) echinata); 1858d, 247-248, 262, to (Gymnocephala) (syn. C. (Eucerc.) *fallax* Dies.) (in *Lym. stag.*; *Pal. vivip.*).—Baer, 1827, 629, pl. 31, figs. 7a, 7b.—Ben., 1858a, 1861a, 86 (syn. of Dist. militare).—Bojanus, 1818, 729, pl. 9, figs. A-F.—Fil., 1857c, 32.—Henle, —, 6.—Moul., 1856a, 184 (syn. of C. echinata Sieb.).—Mueller, 1843.—Pag., 1857, 3, 4, 6, 21, 23-24, pl. 3, fig. 1 (in *Lim. stag.*).—Schwammerdam, —, 75.—Sieb., 1845, 228; —, 187.—Steenstrup, —, 51, 78, pl. 2.
- fascicularis* Villot, 1875, 480, pl. 14, fig. 4 (in *Nassa reticulata*; Roscoff).
- fissicanda* Moul., 1856a, 109 (for *fissicauda*).
- fissicauda* La Valette, 1855, 21, pl. 2, figs. 6, H (in *Limnæus stagnalis*).—Braun, 1893a, 821; 1893b, 183 (in *Physa alexandrina*).—Dies., 1858d, 265 to (Schizocerca) (in *Lym. stag.*; Berlin).—Fil., 1857c, 23.—Mont., 1888, 196, 197 (*fissicaudata*); 1888, 9, 76, 77 (*fissicaudata*).—Moul., 1856a, 109 (*fissicanda*), 118, 171 (in *Lym. stag.*; Berlin).—Sons., 1897, 253.—Villot, 1878, 32, 36-37, pl. 10, figs. 9-11 (in *Scrobicularia tenuis*).
- fissicaudata* Mont., 1888, 196; 1888, 9, 76, 77 (for *fissicauda*).
- flava* La Valette, 1855, 24-25, pl. 2, figs. 8, a, g. (= C. ephemera Nitzsch, renamed).—Dies., 1858d, 244 (to *Glenocerc.*).—Fil., 1855b, 25 (syn. of C. ephemera).—Moul., 1856a, 204 (syn. of C. ephemera).
- flavopunctata* Par., 1894, 703 (for C. fulvopunctata).
- folii* Loos, 1894a, 256 (syn. Dist. duplicatum).
- forcipata* Mueller 1786, 134-135, pl. 20, figs. 21-23 (in aqua palustri rarissime).—Bosc, 1802a, v. 3, 227.—Bruguière, 1792, 457, 464.—Nitzsch, 1827, 68 to *Dicranophorus*.
- fulgopunctata* Braun, 1893a, 831 (for *fulvopunctata*).
- fulvopunctata* Erc., 1881 or 1882, see Par., 1894, 161 (in *Bythinia tentaculata*; Bologna).—Spengel, 1905, 258.
- furcata* Nitzsch, [1817], 49, pl. 2, figs. 12-18; 1827, 68 (syn. *Vibrio malleus* Mueller).—Baer, 1827, 626-629.—Braun, 1893a, 821, 846.—Dies., 1850a, 295 (to *Malleolus*, only species, ?type by tautonymy malleus).—Fil., 1855b, 21, 22, 23; 1857c, 19, 23, pl. 2, fig. 31.—Moul., 1856a, 77, 84-85, pl. 5, fig. 13, 115, 116, 118, 120, 168, 169, 170, 171 (= Cerc. VI. of Baer) (in *Limnæus stagnalis*; *Paludina vivipara* by Baer).—Nitzsch, 1827, 68 (syn. *Vibrio malleus*).—Nord., 1840, 631.—Pag., 1857, 4.—La Valette, 1855, 22, pl. 2, fig. J.
- [*furcata* Eichwald, 1829a, 247.]
- gibba* Mueller, 1773, 120; 1786, 120-121, pl. 18, fig. 2 (in infusione jungermanniæ tamarisci).—Bory St. Vincent, 1823a, 355 (in infusions de Jungermannes).—Bruguière, 1792, 456, 458.—Nitzsch, 1827, 68, to *Macrocerus*.—Schrank, 1803, 85.
- gibba* Fil., 1854a, 13, 26, pl. 1, fig. 18 (in *Limnæus pereger*); 1854, 266, pl. 10, fig. 15; 1855b, 23.—Bosc, 1802a, v. 3, 225.—Dies., 1855a, 389 to (*Xiphidiocerc.*); 1858d, 257, to (*Acanthocephala*) (syn. C. (*Xiphidiocerc.*) g. Fil.) (in *Lym. per.*; Turin).—Erc., 1881e, 17-18, pl. 1, figs. 29-31; 1882a, 253-254.—Moul., 1856, 82, 159-160, pl. 5, his fig. 15 (in *Lym. per.*).—Par., 1894, 162.—Ssnitzin, 1906, 686 (in *Limnea stagnalis*, L. palustris; Warschau), larva of *Opisthioglyphe endoloba*.
- globipora* Erc., 1881 or 1882, see Par., 1894, 164 (in *Bythinia tentaculata*; Bologna).—Loos, 1894a, 47, 48.
- gorgoderæ cygnoides* Kowal., 1904, 24 (9) (in *Cyclas cornea*; Dublany).
- gorgoderæ loossi* Ssnitzin, 1905, 44-46, pl. 1, figs. 3, 14 (syn. Cerc. macrocerca Wagener); 1906, 683 (in *Epithecea*; Warschau).
- gorgoderæ pagenstecheri* Ssnitzin, 1905, 46-47, pl. 1, figs. 4, 7, 13, pl. 2, figs. 15, 19, 20 (syn. C. macrocerca Thiry); 1906, 683.
- gorgoderæ varsoviensis* Ssnitzin, 1905, 47-49, pl. 1, fig. 5, pl. 2, figs. 16, 18; 1906, 683.
- gorgoderæ vitelliloba* Ssnitzin, 1905, 49-51 (syn. Cerc. macrocerca Fil., 26, pl. 10, fig. 7); 1906, 683.



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- gracilis* La Valette, 1855, 20–21, pl. 1, fig. 13 (in *Planorbis corneus*).—Ben., 1858a, 1861a, 220.—R. Bl., 1888a, 555.—Dies., 1858d, 264–265 (in *Plan. corn.*; Berlin) to (Schizocerca), 270.—Fil., 1857c, 23.—Moul., 1856a, 108–109, 116, 170–171 (in *Plan. corn.*; Berlin).—Wagener, 1866, 146.
- gyrinus* Mueller, 1773, 64–65 (in *infusioni animali raro*); 1776, 206; 1786, 119–120 (syn. *Macrocerus corpore globoso*), pl. 18, fig. 1.—Bory St. Vincent, 1823a, 354–355 (in *infusions animales*).—Bosc, 1802a, v. 3, 224–225.—Bruguière, 1792, 456, 458.—Gmelin, 1790a, 3892–3893.—Herbst, 1789a, 129, pl. 80.—Nitzsch, 1827, 68 to *Macrocerus*.
- haimeana* (Lacaze-Duthiers, 1854) Moul., 1856, [87] 178–179, pl. 6, fig. 12 (in *Ostrea edulis*, *Cardium rusticum*; Mahon, C'ette).—Badcock, 1875a, 145.—Claparède, 1863, 10–12, pl. 4, figs. 8–9 (syn. *Bucephalus haimeanus* Lacaze-Duthiers).—Dies., 1858d, 276 (to *Bucephalopsis*).—Giard, 1874e, 486.—McCraday, 1874, 180.
- haimejana* Erc., 1881e, 41 (*Bucephalus haimeanus*, renamed); 1882a, 277.
- helicis aspersæ* (Dies., 1855) Moul., 1856c, 83–84, 166–167 (based on Duj., 1845a, 472 (in *Helix aspersa*)).—Dies., 1858d, 277 (to *Cercariæum*).—Par., 1894, 164.
- helicis carthusianellæ* [Erc., 1881e, 95, pl. 1, figs. 45–47; 1882a, 331 (*Cerc. dell' Helix carthusianella*)].—Par., 1894, 164 (Bologna).
- helicis maculosæ* [Erc., 1881e, 95, pl. 1, figs. 48, 49; 1882a, 331].—Par., 1894, 164 (Bologna).
- helicis viviparæ* Dies., 1850a, 298 (for Dist. Bojanus, 1818, 730; Vilnæ); 1855a, 399.
- hirta* Mueller, 1786, 128, pl. 19, figs. 17, 18 (in *aqua marina bis tantum*).—Bosc, 1802a, 226.—Bruguière, 1792, 456, 461.—Nitzsch, 1827, 69 (type of *Coleps*).
- histrionella* Ehrenb.—Wagener, 1834, 131–132.
- hyalocauda* Haldemann (1840a).—Evarts, 1880a, 230–232, figs. 34–36 (in *Physa heterostropha* Say).
- hymenocerca* Villot, 1875, 479–480, pl. 14, figs. 5–7 (in *Calyptrea sinensis*; Roscoff).
- imbricata* Looss, 1893a, 20 (in *Bythinia tentaculata* Gray=*Paludina vivipara* Lam.; near Leipzig); 1896b, 192–197 (sub *Monost. verrucosum*; in *Melania tuberculata* Bourg.); 1902m, 444 (sub *Notocotyle verrucosa*).—Sons., 1897, 252.
- incistidita* Perroncito [1879, 7–9.], 1880, 454–457, 1 fig. (in *Rana esculenta*).—Erc., 1881c, 13, 14, 15, 30, 32, 57, 63; 1882a, 249, 250, 251, 266, 268, 293, 299.
- inermes* Looss, 1892a, 128, not as specific name, but meaning unarmed cercariæ.
- inquieta* Mueller, 1786, 121–122, pl. 18, figs. 3–7 (in *aqua marina*).—Baer, 1826a, 125.—Ben., 1858a, 1861a, 312.—Bory St. Vincent, 1825b, 253.—Bosc, 1802a, v. 3, 225.—Bruguière, 1792, 456, 458–459.—Dies., 1850a, 300 (to *Histrionella*).—Mueller, J., 1850, 496.—Moul., 1856a, 213 (of Nitzsch, 1817).—Nitzsch, 1817, 47; 1827, 67, 68.—Villot, 1875, 479.
- isopori* Looss, 1894, 55 (in *Cyclas rivicola*).
- lacrhyra* Bory St. Vincent, 1823a, 354 (in *infusions d'orge et d'avoine*).
- lata* Lespès, 1857, 114–116, pl. 1, fig. 13 (in *Venus decussata*; Arcachon).—Braun, 1893a, 832.—Dies., 1858d, 251, to (*Gymnocephala*) (in *V. dec.*).—Flourance, 1866a, 7.—Pag., 1862, 297, 298, 299 (in *V. dec.*).—Villot, 1875, 479 (in *V. dec.*).
- lemna* Mueller, 1773, 67–68 (in *aquis paludosis*); 1776, 206; 1786, 122–123, pl. 18, figs. 8–12: —, 2485.—Abildg., 1793, 89.—Baer, 1826a, 125.—Bory St. Vincent, 1825b, 253.—Bosc, 1802a, v. 3, 225.—Bruguière, 1792a, 456, 459.—Dies., 1850a, 299 (to *Histrionella*).—Gmelin, 1790a, 3892.—Herbst, 1789a, 130.—Hermann, —, 160, pl. 3, figs. 43a–d.—Moul., 1856a, 213.—Nitzsch, 1827, 67, 68.—Schränk, 1803, 79–80.—Wagner, 1832, 394, pl. 4, figs. 1–6.
- leptosoma* Villot, 1878, 32–33, pl. 9, figs. 4–5 (= *Cerc.* stage of Dist. *leptosomum* Crep.) (in *Scrobicularia tenuis*).—Nicoll, 1906, 517, 518 [larva of *Echinost. leptosomum*] (in *Scrob. ten.*).
- leucochloridii* Leuck., 1858a, 114, see *Leucochloridium paradoxum*.
- limacis* (Dies., 1850) Moul., 1856, 83, pl. 5, fig. 11, pl. 8, fig. 12, pl. 9, figs. 8–9; 103, 163–164 pl. 8, figs. 19, 20, pl. 19, figs. 11–12; 165 (in *Limax cinerea*; Genève).—R. Bl., 1888a, 554.—Braun, 1893a, 831.—Dies., 1858d, 259 (syn. of *C. (Acanthocephala) trigonocerca* Dies.).—Erc., 1881e, 59; 1882a, 295.

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- limnæ ovata* Linst., 1884, 142; 1887d, 98, 99, 100 (in *Limnophilus rhombicus*), 105.—Stoss., 1889, 66 (syn. of *Dist. endolobum*).
- limnæ truncatula* Linst., 1892, 331–332, pl. 15, fig. 17 (in *Limnæ truncatula*).
- linearis* Lespès, 1857, 117, pl. 1, fig. 16 (in *Littorina littorea*).—Braun, 1893a, 381.—Dies., 1858d, 258 (in *Littorina littorea*) to (*Acanthocephala*).—Pag., 1862, 297 (in Litt. litt.).—Villot, 1875, 479.
- longicaudata* Piana, 1882, see Par., 1894, 161 (in *Helix nemoralis*, *H. carthusiana*; Reggio Em.) (see also *longocaudata*).—Dolley, 1894a.
- longocaudata* Piana, 1882, teste Par., 1894, 622 (misprint?) (in *Helix carthusiana*), as larva of *Dist. lanceolatum*.
- lophocerca* Fil., 1857c, 5, pl. 1, figs. 3–4 (in *Paludina impura*).—Braun, 1893a, 832.—Dies., 1858d, 245 (to *Glenocerc.*).—Erc., 1881e, 24, 25, 35; 1882a, 260, 261, 271.—Looss, 1894a, 252.—Par., 1894, 163 (in *Bythinia tentaculata*, *Pal. vivipara*, *P. achatina*; Torino by Fil., 1858f).
- luna* Mueller, 1786, 139, pl. 20, figs. 8, 9 (in eadem aqua, ac proxime precedens, rarissime [*C. orbis*]; [Zool. Dan. prodr. addend., 1776, 280].—Bosc, 1802a, v. 3, 228.—Bruguère, 1792a, 457, 466.—Nitzsch, 1827, 69 to Lecane.
- lungo-caudata* Piana, see R. Bl., 1888a, 603 (in *Helix carthusiana*), see also *longicaudata*.
- lupus* Mueller, 1773, 67 (in aquosis, ubi *Lemna vegetat*, rara); 1776, 206; 1786, 131–133, pl. 20, figs. 14–17.—Bosc, 1802a, v. 3, 227.—Bruguère, 1792a, 456, 463.—Gmelin, 1790a, 3892.—Hemp. & Ehrenb., 1828a (type of *Cycloglena*).—Herbst, 1789a, 130.—Nitzsch, 1827, 68, to *Dicranophorus*.—Schränk, 1803, 83–84.
- lutea* (Ben., 1870) Giard, 1897c, 954–956 (to *Brachycoelium luteum* Ben.) (in *Tapes decussatus*, *T. pullastra* at Arcachon; *Donax trunculus*; Wimereux); 1897d, 957; 1903h, 27–28.—Caullery & Chappellier, 1906, 325.—Pelseneer, 1895, 357.—Also reported for *Pholas candida*.
- lymnæi auricularis* (Fil., 1854) Moul., 1856, 84, pl. 5, fig. 12; 167 (in *Lymnæus auricularis* by Fil.).—Dies., 1858d, 279 (to *Cercariæum*).—Looss, 1894a, 32, to (*Dist.*).
- lymnæi obscuri* Erc., 1881e, 33–35, pl. 1, figs. 16–17, 46; 1882a, 269–271, 282 (in [*Limnæus obscurus*, *L. stagnalis*]).—Par., 1894, 162 (in *Lymn. obs.*; Bologna by Erc.).
- macaci* Cobbold, 1861, 119 (in *Macacus radiatus*).
- macrocerca* Looss, 1894a, 253 (misprint for *macrocerca*).
- macrocerca* Fil., 1854a, 13, 26, pl. 1, figs. 15–18 (in *Cyclas cornea*; Turin); 1855, 341, pl. 1, figs. 15–17; 1855b, 22, 24.—Baillet, 1866b, 93.—Biehringer, 1884, 2–3, 7, 9, 16, 17, 18, 22, 26.—Braun, 1883, 56; 1890e, 595; 1891c, 218; 1891f, 369; 1892a, 634, 808, 809, 810; 1892b, 188; 1893a, 831, 832, 854.—Claparede, 1863a, 12.—Cobbold, 1879b, 470.—Dies., 1855a, 389 to (*Xiphidiocerc.*); 1858d, 255, to (*Acanthocephala*) (syn. *C. (Xiphidiocerc.) macr. Fil.*) (larva of *Dist. cygnoides* Zed.) (in *Cyclas cornea*; Turin); 1858e, 334 to (*Acanthocephala*) (as syn. of *Dist. cyg.*).—Fraipont, 1880a, 397; 1880c, 419, 441; 1883a, 35.—Gamb., 1896, 72.—Hahn & Lefèvre, 1884a, 516.—Jackson, 1888, 651.—Juel, 1889, 15.—Kerbert, 1881a, 556.—Kowal., 1902d, 27 (9) [larva of *Gorgodera cygnoides*, in *Cyclas cornea*].—Leuck., 1863, 511, 512.—Linst., 1873, 1 (larva of *Dist. cyg. Zed.*).—Looss, 1885b, 19; 1892a, 125; 1894a, 23, 63, 129, 236, 244, 251, 253 (*macrocerca*), 256, 264, pl. 6, fig. 129; 1896b, 227; 1902m, 444 (sub *Gorgodera cygnoides*).—Mace, 1882, 61.—Mont., 1888, 41.—Moul., 1856, 82, 119, 160–161, pl. 6, figs. 1, 2; 173 (in *Cyc. corn.*; Turin).—Pag., 1862, 299.—Par., 1894, 165.—Pratt, 1898, 361.—Ssnitzin, 1905, 49 (of Fil., syn. of *vitelliloba*), 46 (of Thiry, syn. of *pagenstecheri*), 44 (of Wagener, syn. of *loossi*); 1906, 682.—Thiry (1859), v. 10 (2), 271–277, pls. 20–21, figs. 1–13; (1860), v. 10, 271–277, 2 pls.—Uličný, 1878, 212, 214.—Villot, 1882, 507.—Wagener, 1857, pl. 29.—Ziegler, 1883, 540, 547 (in *Limnæa sp.*).
- magna* Pag., 1857, 3, 4, 22–23, pl. 2, figs. 13–14 (in *Paludina vivipara*).—Dies., 1858d, 247, to (*Gymnocephala*) (in *Pal. vivip.*; Heidelberg).
- major* Nitzsch, 1817, 44, pl. 2, figs. 1–8; 1827, 68 (syn.? *Brachionus proteus*).—Dies., 1850a, 299 (syn. of *Histrionella lemna*).—Moul., 1856a, 213.—Mueller, 1850, 497.—Pag., 1857, 23.

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- megacotyla* Dies., 1858d, 263, to (*Nephrocephala*) (syn. *Dist. echinatoides* Pag., nec Fil.) (in *Anodonta cygnea*; Heidelberg).
- megacotylea* Villot, 1878, 30, pl. 9, fig. 7 (in *Mysis*).—Braun, 1893b, 183 (?syn. of *C. capriciosa*).—Cuénot, 1892.
- melanoglena* Pag., 1862, 298 [*Melanoglena bipunctata* renamed].
- micracantha* Dies., 1858d, 259–260 (syn. *C. armata* Fil., 1855b, 3–5) to (*Acanthocephala*) (in *Triton punctatus*, *Lymnæus palustris*).—Linst., 1887, 100; 1878a, 205 (in *Tr. tæniatus*).
- microcotyla* Fil., 1854a, 7–12, 13, 26, pl. 1, figs. 5–10 (in *Paludina vivipara*, P. achatina; Lake Varese and Lombardy); 1854b, 260–265, pl. 10, figs. 5–10; 1855b, 6, 22, 23, 25 (syn. *C. pugnax* La Valette); 1856b, 85, 86; 1857c, 7, 15, 31.—Baillet, 1866b, 93.—Biehringer, 1884, 15.—Braun, 1892a, 809; 1893b, 183 (in *Melania tuberculata*; *Cleopatra bulimoides*).—Dies., 1855a, 378, 390 to (*Xiphidiocerc.*); 1858d, 253 to (*Acanthocephala*) (syn. *C. (Xiphidiocerc.) micr.* Fil.; *C. pugnax* La Valette) (in *Pal. achat.*; Lombardia; P. vivip.) (larva of *Dist. tetracystis* Gast.), 254 (syn. of *C. (Acanthocephala) vesiculifera* Dies.); 1858e, 348 (sub *Acanthocephala* as syn. of *Dist. tetracystis*).—Erc., 1881e, 7, 8, 9, 10, 11–15, pl. 1, figs. 10–15 (in *Pal. vivip.*, P. achat.; liver and genital organs; *Limnæus obscurus*, *Planorbis corneus*), 71; 1882a, 243, 244, 245, 246, 247–251, 307.—Linst., 1873, 1 (larva of *Dist. tetracystis* Gast.).—Moul., 1856a, 80 (*microcotyla*), pl. 5, figs. 5–6, 103, 104, 153–157, pl. 5, bis fig. 11; 160, 161 (syns. *C. pugnax* La Valette, *C. chlorotica* Dies., *Cerc. II.* Baer) (in *Pal. vivip.*, P. achatina; Lac de Varèze and Berlin).—Sons., 1884, 58; —, 136–137; 1897, 253.
- microcristata* Erc., 1881 or 1882, see Par., 1894, 161 (in *Bythinia tentaculata*; Bologna).
- microtyla* Moul., 1856a, 80 (for *microcotyle*).
- micrura* Fil., 1857c, 5–6, pl. 1, figs. 5, 6 (in *Paludina impura*); 1859, —.—Biehringer, 1884, 3, 26.—Braun, 1893a, 831.—Dies., 1858d, 258, to (*Acanthocephala*) (in *Pal. imp.*; Turin).—Looss, 1894a, 47 (= *C. globipora*=*Dist. globiporum* Rud.) (in *Bythinia tentaculata*); 1896b, 208.—Mont. 1888, 76.—Par. 1894, 163.—Ssinitzin, 1906, 685 (in *Bythinia tentaculata*), 686 (in *Nephele vulgaris* but not *Limnæa*), larva of *Sphaerost globiporum*.—Villot, 1878, 36.
- minuta* Erc. 1881 or 1882, see Par. 1894, 163 (in *Bythinia tentaculata*; Bologna).
- minuta* Nitzsch, 1817, 46, pl. 2, figs. 9–11 (in various mollusks at Halle); 1827, 68.—Dies., 1850a, 295; 1855a, 385 to (*Eucerc.*); 1858d, 246 to (*Gymnocephala*) (in various fresh-water mollusks at Halle).—Moul., 1856a, 213.—Spengel, 1905, 258.
- miocerca* Mont., 1888, 77 (for *myocerca*).
- mirabilis* Braun, 1891c, 218 (in *Limnæus palustris* var. *corvus*); 1891f, 369; 1892b, 187–188 (in *Limn. pal. corv.*; Kurischer Lowlands); 1893a, 821, 832, 834; 1893b, 183.
- mongeotii* Bory St. Vincent, 1823a, 354 (in water).
- monostomi* Linst. 1896i, in 376–377 (perhaps young of *Monoet. mutabile*) (in *Lymnæa ovata*, L. peregra; Weende, Germany); 1897a, 109.
- myocerca* Villot, 1878, 35–36, pl. 10, figs. 12–13 (in *Scrobicularia tenuis*).—Braun, 1893a, 832.—Mont., 1888, 9, 77 (*miocerca*).
- myzura* Pag., 1881, 18 (in *Neritina fluviatilis*).—Braun, 1893a, 831.
- neglecta* Fil., 1854a, 24, 26, pl. 2, figs. 26, 27 (in *Lymnæus pereger*); 1854, 278, pl. 11, figs. 26–27; 1855b, 23.—Dies., 1855a, 386 to (*Eucerc.*), 387; 1858d, 246 to (*Gymnocephala*).—Moul., 1856, 94, pl. 5, bis. fig. 2; 116, 204, pl. 6, fig. 9 (in *Lymn. per.*).—Par. 1894, 165.
- nodulosa* Linst., 1873, 3, pl. 1, fig. 5 (in *Bythinia tentaculata*); 1873, 142, figs. 30–32; 1878a, 323 (= *Dist. nodulosum*).—Looss, 1894a, 40 (in *By. ten.* by Linst.) (= *C. virgula* Fil., and *C. rostroaculeata*) (not *Dist. nodulosum*).
- obscura* Sons., 1892, Oct. 7, 138 (in *Limnæa natalensis*; Cairo, Egypt); 1896, 321.—Braun, 1893b, 183 (in *Limn. nat.*).
- ocellata* La Valette, 1855, 22–23, pl. 2, fig. 5 (in *Limnæus stagnalis*).—Braun, 1893a, 821, 834.—Dies., 1858d, 270 (syn. of *Histriionellina fissicauda*).—Erc., 1881e, 35–36 (in *Planorbis corneus*, liver), 49, pl. 1, figs. 43, 44, pl. 2, fig. 18; 1882a, 271–272, 285.—Moul., 1856a, 109, 110, 116, 118, 172–173 (in *Lymn. stag.*; Berlin).—Par. 1894, 161.—Sons., 1897, 253.

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- odontocotyla* Dies., 1858d, 264 (in *Lymnæus stagnalis*; Berlin).
- opaca* Bory St. Vincent, 1823a, 354 (in infusions de pois).
- orbis* Mueller, 1786, 138–139, pl. 20, fig. 7 (in aqua, ubi Lemna, rarissime); [Zool. dan. prod., 1776, 280].—Bosc, 1802a, v. 3, 228.—Bruguère, 1792a, 457, 466.—Nitzsch, 1827, 69 to Lecane.
- ornata* La Valette, 1855, 18–19, pl. 1, figs. N–O (in *Planorbis corneus*).—Braun, 1892a, 806; 1893a, 832.—Cobbold, 1876, 211; 1879, 454.—Desmonceaux, 1868, 22.—Dies., 1858d, 241, 244 to (*Acanthocephala*), 255–256 to (*Acanth.*) (larva of *Dist. clavigerum* Rud.) (in *Plan. corn.*, Berlin; *Hydrachna concharum*; Heidelberg); 1858e, 388 to (*Acanth.*); 1859c, 434.—Fil., 1857c, 31, 32.—Florance, 1866a, 11.—Harz, 1881c, 4.—Leuck., 1863, 495, fig. 171.—Linst., 1873, 1 (larva of *Dist. clavigerum* Rud.).—Looss, 1894a, 90, 99, 237, 250, 252, 257.—Moul., 1856, 108, 120, 152–153 (in *Plan. corn.*; Berlin).—Pag., 1857, 13–18, 52, pl. 1, figs. 1–13 (in *Plan. corn.*); 1862, 301.—Rossbach, 1906, 389.
- ovalis* Schrank, 1803, 86.
- ovata* Villot, 1878, 29–30, pl. 9, fig. 6 (in *Lygia oceanica*).
- pachycerca* Dies., 1858d, 257–258, to (*Acanthocephala*) (syn. *C. brachyura* Lespès) (in *Trochus cinereus*; Francogalliæ).
- pachycerca* Claperède, 1863a, 12–13, pl. 18, fig. 1 (free form; St. Vaast).—Braun, 1893a, 831.—Par., 1894, 165 (in *Cydippe* sp.; Nizza; see Leuck., in Carus, 1884, Prod., 133).—Villot, 1878, 35 (of Dies. or Clap.?).
- pacifica* Ben., 1858a, 1861a, 86 (syn. of *Dist. militare*).
- paludinæ impuræ* Baer, 1827, 655, see Dies., 1855a, 400 (syn. of *Cercariæum erythrops*, and of *C. melanops*).—Moul., 1856, 96, pl. 5, bis fig. 4, 212–213, pl. 6, fig. 8; 216 (syn. *Dist. paludinæ impuræ* Fil.) (in *Paludina impura*; Lake de Varèse).
- papillosa* Erc., 1881 or 1882, see Par., 1894, 164 (in *Bythinia tentaculata*; Bologna).
- parva* Erc., 1881 or 1882.—Par., 1894, 164 (in *Bythinia tentaculata*; Bologna).
- pectinata* Huet, 1891a, 12, Apr., 162–165, figs. 1–4 (in *Donax anatinum*).
- pelagica* Mont., 1888, 45, 46.
- pigmentata* Sons., 1892, Oct. 7, 142–144 (in *Physa alexandrina*, *P. micropleura*; Cairo, Egypt) of an *Amphist.* (sp.).—Braun, 1893b, 183 (in *Ph. micr.*).—Looss, 1902m, 444 (sub *Amphist. conicum*).—Stiles, 1898a, 64, 65, 143.
- planorbis carinati* Dies., 1858d, 266, to (*Acanthocephala*) (in *Planorbis carinatus*; Turin).
- planorbis cornei* Dies., 1850a, 298 (in *Planorbis corneus*) (based on Henle, 1835, 597); 1855a, 400 (to *Cercariæum*).—Moul., 1856a, 85 (in *Plan. corn.*) (Henle, 1835, 597).
- platyura* Leidy, 1891a, 416 (free in pool with *Lymnæus*; Fort Bridger, Wyo.).
- pleurolophocerca* Sons., 1892, Oct. 7, 138–139 (in *Melania tuberculata*, *Cleopatra bulimoides*; Cairo, Egypt).—Braun, 1893b, 183 (in *Mel. tub.*, Cl. bul.).—Looss, 1896b, 204–210, pl. 13, figs. 140–145 (in *Mel. tub.*; Egypt).
- pleuronectes* Mueller, 1773, 70 (“In aqua ultra sex septimanas in vasculo servata”); 1776, 206; 1786, 135, pl. 19, figs. 19–21.—Bosc, 1802a, v. 3, 227.—Bruguère, 1792a, 457, 464.—Gmelin, 1790a, 3891.—Herbst, 1789a, 130.—Nitzsch, 1827, 69 to Phacus.—Schrank, 1803, 85–86.
- podura* Mueller, 1773, 66 (“In paludosis Lemna coopertis, Novembri et Decembri”); 1776, 206; 1786, 124–125, pl. 19, figs. 1–5.—Bory St. Vincent, 1825a, 84 (to *Furcocerca*).—Bosc, 1802a, v. 3, 225.—Bruguère, 1792a, 456, 460.—Gmelin, 1790a, 3892.—Hemprich & Ehrenberg, 1828a, type of *Ichthyidium*.—Herbst, 1789a; 180.—Nitzsch, 1827, 68 to *Enchelys*.
- polymorpha* (Baer, 1827) Moul., 1856, 86, 116, 174–177, pl. 6, fig. 11; 179.—Dies., 1858d, 275 (to *Bucephalus*).—Erc., 1881e, 41, 42, 43, 44–45, 60, 87; 1882a, 277, 278, 279, 280–281, 296, 323.—Par., 1894, 164 to (*Bucephalus*).—Ziegler., 1883, 541.
- pomatæ* Vaney & Conté, 1899, 194–196, figs. 1–2 (in *Helix pomatia*; Lyon).
- prima* Ssinitzin, 1905, 147–153; 1906, 687 (in *Aplexa hypnorum*, *Planorbis vortex compressa*; Warschau) (encysts in *Corethra*, *Ilybius*; Warschau).
- proxima* Lespès, 1857, 116, pl. 1, fig. 14 (in *Littorina littorea*).—Dies., 1858d, 249–250, to (*Gymnocephala*).—Pag., 1862, 297 (in *Litt. litt.*).—Villot, 1875, 479.

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- pugio* Linst., 1887, 105, pl. 2, figs. 7, 17c (in *Limnæa ovata*).
- pugnax* La Valette, 1855, 19, pl. 1, fig. R (in *Paludina vivipara*).—Dies., 1858d, 247.—Erc., 1881e, 11 (= *C. microcotyla* Fil.), 12; 1882a, 247, 248.—Fil., 1855b, 25 (syn. of *C. microcotyla* Fil.); 1857c, —.—Moul., 1856, 103, 153, 157 (syn. of *C. microcotyla*).—Pag., 1857, 20–21, 22, pl. 1, figs. 17–24 (in *Pal. vivip.*).
- punctum* Erc., 1881 or 1882, see Par., 1894, 164 (in *Bythinia tentaculata*; Bologna).
- pusilla* Looss, 1896b, 229–230, 231, 232, pl. 16, figs. 178–180 (in *Vivipara unicolor* Olivier; Damanhour).
- pyrula* Bory St. Vincent, 1823a, 355 (in infusion de chènevis).
- renale* (Fil., 1855) Moul., 1856, 164–165 (in *Helix aspera*; Turin).—Dies., 1858d, 265–266 (renalis) to (Gymnocephala) (in *H. adspersa*; Turin).
- rigonocerca* Braun, 1892a, 809 (for *trigonocerca*).
- rostrata* Erc., 1881 or 1882, see Par., 1894, 164 (in *Bythinia tentaculata*; Bologna).—Looss, 1894a, 40.
- rostroaculeata* Erc., 1881, see Par., 1894, 164 (in *Bythinia tentaculata*; Bologna).—Looss, 1894a, 40 (see *nodulosa*).
- sagitata* Lespès, 1857, 114, pl. 1, fig. 12 (in *Nassa reticulata*; Arcachon).—Dies., 1858d, 249.
- sagitta* Pag., 1862, 297 (in *Nassa reticulata*), for *sagitata*.
- sagittalis* Vaney & Conte, 1899, 196 (*C. sagittifera* Sieb., 1854, renamed) (in *Helix pomatia*).
- sagittata* Dies., 1858d, 249, to (Gymnocephala) for *sagitata* (in *Buccinum (Nassa) reticulatum*), 250.—Villot, 1875, 479.
- sagittifera* Sieb., 1854, 18, fig. 3 (in *Helix pomatia*).—Dies., 1855a, 398 (syn. of *Cercariæum heliciæ pomatiæ*); 1858d, 278 (syn. of *Cercariæum h. p.*).—Moul., 1856, 82, pl. 5, fig. 10; 83, 163 (in *H. pom.*).
- secunda* Ssinitzin, 1905, 153; 1906, 687 (in *Corethra*, *Ephemera* larvæ; Warschau).
- setifera* O. F. Mueller, 1786, 127–128, pl. 19, figs. 14–16 (in *aqua marina raro*).—Bosc, 1802a, v. 3, 226.—Bruguière, 1792a, 456, 461.—Mont., 1888c, 193–199.—Nitzsch, 1827, 69 to *Trichoda*.
- setifera* Moul., 1856a, 214, and Dies., 1858d, 250–251 (Triest), to (Gymnocephala), based on J. Müller, 1850, 497 (free in sea water; Marseilles).—Braun, 1893a, 832, 853.—Claparède, 1863a, 12, 13.—Dadai, 1888f, 85; 1888g, 108.—Giard, 1897c, 954, 955 (*setigera*).—Mont., 1888, 9, 10, 23, 77, 78, 79, 80 (*Cercavia*); 1888, v. 2, 193–199; 1891, 519; 1892, 717; 1893, 1, 2, 13, 47, 52, 53, 61, 70, 122, 124, 125, 209.—Moul., 1856a, 214.—Pag., 1862, 298.—Par., 1894, 165 (syn. *Macrurochæta acalæpharum*).—Villot, 1875, 477, 479; 1878, 32, 33–35, pl. 10, figs. 1–8 (in *Scrobicularia tenuis*).
- setigera* Giard, 1897c, 955 (for *setifera*, 1856).
- species* Wagener, 1857, in liver of *Limnæus stagnalis*.—Braun, 1893a, 821 (is an *Echinost.*).
- spermatica* Blumenbach, see Chiaje, 1833, 34.
- spinifera* La Valette, 1855, 17, pl. 1, figs. 10–11 (in *Paludina vivipara*, *Planorbis corneus*).—Braun, 1893a, 832.—Dies., 1858d, 263–264, to (*Nephrocephala*) (in *Plan. corn.*; Berlin).—Erc., 1881e, 25, 26; 1882a, 261, 262.—Looss, 1894a, 252.—Moul., 1856, 109, 110, 202, 203 (in *Plan. corn.*; Berlin).
- stylosa* Linst., 1875, 193–195, pl. 3, figs. 16–17 (in *Planorbis vortex*); 1878a, 329 (in *Plan. vor.*).
- subulo* Pag., 1857, 19–20, pl. 1, figs. 14–16 (in *Paludina vivipara*).—Dies., 1858d, 256–257, to (*Acanthocephala*) (in *Pal. vivip.*; Heidelberg).
- syrinus* Kùech., 1855, 471, misprint for *gyrinus*.
- tellinæ balticæ* Dies., 1850a, 298 (in *Tellina baltica*; Gedani), based on Sieb., 1837, 388; 1855a, 400 (to *Cercariæum*).—Moul., 1856, 85, 168 (in *Tell. balt.*).—Villot, 1875, 479 (in *Tell. balt.*).
- tenax* Müller, 1773, 69–70 (in *infusione sordium dentium intra quatrimum*); 1776, 206; 1786, 136–137, pl. 20, fig. 1.—Bosc, 1802a, v. 3, 228.—Bruguière, 1792a, 457, 465.—Chiaje, 1833, 37–38.—Gmelin, 1790a, 3891.—Herbst, 1789a, 130.—Nitzsch, 1827, 69, to *Phacus*.—Olfers, 1816, 24.—Schränk, 1803, 84–85.

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- terrestris* Linst., 1889c, 241, pl. 16, fig. 14 (in *Helix lens*; Greece); 1889d.  
*terricola* Linst., 1889c, 241, pl. 16, fig. 13 (in *Helix vermiculata*; Algiers); 1889d.  
*thaumanthiadis* Braun, 1889a, 357 (in *Eucope*); 1893a, 832, for *thaumantiatidis*.  
*thaumantiadis* Pag., 1862, 298, for *thaumantiatidis*.—Linst., 1887a, 334 (in *Eucope* sp.).  
*thaumantiatidis* Græffe, 1860a, 49–51, pl. 10, figs. 10–12 (in *Thaumantias* Græffe, coelenterate, not Bonaparte, 1854, bird, compare *Thaumantias* Eschsch., 1829, Acal.).—Braun, 1889a, 357 (*thaumanthiadis* in *Eucope*); 1893a, 832 (*thaumanthiadis*).—Mont., 1888, 193, 194, 195; 1888, 77.  
*tricaudata* Schrank, 1803, 86.  
*trigonocerca* Dies., 1858d, 259, to (*Acanthocephala*) (syn. *C. limacis* Moul.) (in *Limax cinereus*, L. (*Arion*) *rufus*; Geneva).—Biehringer, 1884, 15.  
*triloba* Fil., 1857c, 3, pl. 1, fig. 1 (in *Planorbis carinatus*, *Lymnæus stagnalis*; Turin).—Dies., 1858d, 252, to (*Acanthocephala*) (in *Lym. stag.*, *Plan. car.*).—Erc., 1881e, 15–17, pl. 1, figs. 20–22; 1882a, 251–253 (in *Lim. stag.*, *Plan. car.*; Po, in Piemonte).—Par., 1894, 161 (in *Plan. corn.*, *P. carinatus*, *Lym. stag.*; Torino).  
*tripes* Boec, 1802a, v. 3, 227.  
*tripos* Müeller, 1776, 206 (“in aqua marina”); 1786, 136, pl. 19, fig. 22.—Bruguière, 1792a, 457, 464–465.—Nitzsch, 1827, 69.  
*tripunctata* Erc., 1881e, 23–25, pl. 1, figs. 27–28; 1882a, 259–261 (syn. *C. ephemera* Nitzsch) (in *Planorbis corneus*; liver and genital organs; Italy).—Mont., 1888, 10.—Par., 1894, 161 (in *Plan. corn.*; Bologna).  
*tripus* Gmelin, 1790a, 3892, for *tripos* Müeller.  
*tuberculata* Fil., 1857c, 8–9, pl. 2, figs. 19, 20 (in *Paludina impura*).—Braun, 1893a, 827.—Dies., 1858d, 248, to (*Gymnocephala*) (in *Pal. imp.*; Turin).—Harz, 1881c, 4.—Looss, 1894a, 138.—Par., 1894, 163.  
*turbo* Müeller, 1786, 123–124, pl. 18, figs. 13–16 (in aqua rivulari cum *Lemna rarior*).—Abildg., 1793, 79.—Bosc, 1802a, v. 3, 225.—Bruguière, 1792a, 456, 459–460.—Nitzsch, 1827, 68, type of *Urocentrum*.  
*varicans* Abildg., 1794, 89, pl. 3a, figs. 1–4 (“Hab. primitivum ignotum, in aqua rivulari”).—Dies., 1850a, 293 (to *Cheilostomum* as type).—Moul., 1856a, 213 (syn. *Ch. varicans* Dies.).—Pag., 1857, 6.  
*varsoviensis* Ssinitzin, 1906, 683, to (*Gorgodera*).  
*vermicularis* Müeller, 1786, 133–134, pl. 20, figs. 18–20 (in aqua ubi *Lemna vegetat*).—Bosc, 1802a, v. 3, 227.—Bruguière, 1792a, 457, 463–464.—Nitzsch, 1827, 68, to *Dicranophorus*.  
*vesicata* Uličný, 1878, 211–217, pl. 6, figs. 1–5 (in *Cylcas rivicola*; Mähren).—Braun, 1893a, 831, 832; 1893b, 183; 1898a, 1581.—Looss, 1894a, 227 (= *C. macrocerca* Fil.).  
*vesiculifera* Dies., 1855a, 378, 389, to (*Xiphidiocerc.*) (*C. vesiculosa* Fil., 1854, renamed) (in *Paludina vivipara*); 1858d, 254–255, to (*Acanthocephala*) (syns. *C. vesiculosa* Fil.; *C. (Xiphidiocerc.) vesiculifera* Dies.; *C. microcotyla* Fil.) (in *Pal. vivip.*, *P. achatina*).  
*vesiculosa* Dies., 1850a, 295–296 (in *Paludina vivipara*; based on *Cerc. I.* Baer, 1827b; Regiomontii, Berlin, Heidelberg); 1855a, 385 to (*Eucerc.*); 1858d, 254 (of Fil.), syn. of *C. (Acanthocephala) vesiculifera*, 254 (syn. *C. (Eucerc.) vesiculosa* Dies.) to (*Acanthocephala*).—Braun, 1892a, 797, 806.—Erc., 1881e, 9–10, pl. 1, figs. 18–19, 12, 52; 1882a, 245–246, 248, 288 (in *Pal. achatina*, *P. vivip.*; Italy).—Fil., 1854a, 12–13, 22, pl. 1, figs. 12–14; 1855b, 23; 1857c, 14–15, 16, 17, pl. 2, figs. 22–23, 24, 25 (in *Pal. vivip.*, *P. ach.*; Lake Majeur).—Moul., 1856, 81–82, 103–104, 158–159, pl. 5, bis figs. 13, 14; 260 (in *Pal. vivip.*; Berlin).—Pag., 1857, 21–22, pl. 2, figs. 1–4 (in *Pal. vivip.*).—Par., 1894, 163.—La Valette, 1855, 19–20, pl. 1, fig. S.  
*vesiculosa* of Fil., 1854a, 12, 13, 22, 30, pl. 1, figs. 12–14 (in *Paludina vivipara*).—Dies., 1855a, 389 (renamed *C. (Xiphidiocerc.) vesiculifera*); 1858d, 254 (syn. of *C. (Acanthocephala) vesiculifera* Dies.).  
*villoti* Mont., 1888, 194 (*C. setifera* Müeller of Villot, 1879, in *Scrobicularia tenuis*, renamed), 195, 197; 1888, 77.—Giard, 1897c, 954.

## CERCARIA—Continued.

- virgula* (Fil., 1837) Dies., 1850a, 296; 1855a, 386, to (Eucerc.); 1858d, 260, to (Acanthocephala) (syn. C. (Eucerc.) *virg.* Dies.) (larva of Dist. maculosum Rud.) (in *Valvata piscinalis*, *Paludina impura*).—Biehinger, 1884, 15, 18.—Braun, 1892a, 749, 809; 1893a, 859.—Fil., 1855b, 5, 10, 19, 22, 23, pl. 1, figs. 5–10 (= Dist. *virg.*) (in Pal. imp.; Pavia. Moncalier); 1856b, 85; 1857c, 6–7, pl. 1, figs. 9, 10 (in Pal. imp.).—Florance, 1866a, 8.—Harz, 1881c, 4, 7, 8.—Leuck., 1863, 504, 505, 506, fig. 173.—Linst., 1901, 197.—Looss, 1894a, 40.—Moul., 1856a, 51, 82, 99, 104, 161–163 (in Pal. imp.; Pavia Moncalier).—Par., 1894, 163.
- viridis* Müller, 1786, 126–127, pl. 19, figs. 6–13 (in aquis fossarum stagnantibus primo vere).—Bory, 1825a, 84.—Bosc, 1802a, v. 3, 226.—Bruguière, 1792a, 456., 460–461.—Nitzsch, 1827, 68, to Enchelys.—Schränk, 1803, 80–83.
- vitrina* Linst., 1887, 105–106, pl. 2, figs. 8, 17c (in *Zebrina detrita*; Frauenberg b. Sondershausen).—Braun, 1893a, 831.
- vittelliloba* (Oles., 1876) Ssinitzin, 1906, 683, to (Gorgodera).
- vivax* Sons., 1892, Oct. 7, 137–138, pl. 18, fig. 3 (in *Cleopatra bulimoides*; Cairo, Egypt).—Braun, 1893b, 183 (in Cl. bul.).—Looss, 1896b, 210–223, pl. 15, figs. 162–177 (in Cl. bul.; Egypt, Tunis; *Melanopsis premorsa*).—Rossbach, 1906, 370.

## CERCARIÆ, plural of Cercaria.

*gorgoderæ cygnoidis* Zeder, 1800, of Kowal., 1904 (9), 24 (in *Cyclas cornea*; Dublin).

CERCARILÆA Nitzsch, see Dies., 1850a, 286, 292; 1855a, 383–400; 1858d, 241–243.—Goldb., 1855a, 15.—Mont., 1888, 83.

CERCARILÆUM Dies., 1855a, 397–400 (collective group and not as true generic name, for little known and doubtful forms of *Cercariæa* Nitzsch).—Bettend., 1897a, 4, 5, 7, 9, 12, 23, 30, 32, 33, 37, 39, 41, 42, 43, pl. 1, figs. 1, 2, 3, 5, 7, pl. 2, figs. 11, 15, 16, 17, pl. 3, figs. 18, 19, 20, 21, 22, 23, pl. 4, figs. 24, 25, 30, pl. 5, figs. 31, 32; 1897, 309, 311, 313, 316, 327, 334, 336, 337, 343, 345, 346, pl. 28, figs. 1–3, 5, 7, pl. 29, figs. 11, 15–17, pl. 30, figs. 18–23, pl. 31, figs. 24, 25, 30, pl. 32, figs. 31, 32 (in *Helix hortensis*).—Blochmann, 1892b, 649–652 (in *Helix hortensis*).—Blochmann & Bettend., 1895a, 218, 219, figs. 4, 5 (in *Helix hortensis*).—Brand., 1898a, 214 (22).—Braun, 1893a, 830, 857.—Darr, 1902, 694.—Kowal., 1898b, 158 (55).—Looss, 1894a, 236.—Sons., 1897, 252 (*Cercaryæum*).  
1897: *Cercaryæum* Sons., 1897, 252, for *Cercariæum*.

*ancyli lacustris* Dies., 1855a, 400, based on Baer, 1827b, 656, in *Ancylus lacustris*; 1858d, 282.

*coni mediterranei* (Fil., 1857c) Dies., 1858d, 282–283.

*coregoni feræ* Chavannes, —, 62, see Dies., 1858d, 283.—Linst., 1879a, 266 (in *Coregonus fera* Jur.).

*cycladis rivicola* (Dies., 1850) Dies., 1855a, 400 (in *Cyclas rivicola*); 1858d, 282.—Braun, 1893a, 830.

*echinatum* (Fil., 1837a) Dies., 1858d, 280 (syn. *Heterost. ech. Diğs.*) (in *Paludina impura*; Ticinum).

*erythrops* Dies., 1855a, 400 (based on *Cerc. paludine impure* Baer, 1827b) (*Regiomontii*); 1858d, 270 (to *Histrionellina*).

*flavescens* (Pag., 1857) Dies., 1858d, 278 (in *Bulimus radiatus*; Heidelberg).

*helicis* Meckel [? see *helicis pomatia*].—Braun, 1891d, 424 (in *Helix nemoralis*; *H. strigella*); 1893a, 829, 856.—Hofmann, 1899a, 174, 175, 177, 178–185, 188, 193, 201, pl. 11, figs. 1, 3, 4, pl. 12, figs. 3, 4 (becomes mature in *Erinaceus europæus* to Dist. *leptosomum*, syn. *D. caudatum*).—Roewer, 1906, v. 41, 185–228, figs. 1, 2, 3, pl. 14, figs. 1–7, pl. 15, figs. 8–22; 1906, 5 Oct., 616–617; 1906, 9 Oct., 596–599; 1906, 15 Nov., 340–341.—Ziegler, 1905, 37.

*helicis alternata* Dies., 1855a, 398 (= Dist. *helicis* Leidy, renamed) (in *Helix alternata*; Philadelphia); 1858d, 278 (syn. of *C. vagans*).—Leidy, 1857, 44.

*helicis aspersa* Diğs., 1855a, 398 (for *helicis asperæ* Dies., 1850a, 302, based on Duj., 1845a, 472); 1858d, 277 (syn. *Cerc. h. a. Moulinie*) (in *Helix aspersa*; Rennes).

*helicis pomatia* (Dies., 1850) Dies., 1855a, 398; 1858d, 278 (syn. *Cercaria sagittifera* Siebold) (in *Helix pomatia*).

*limacis* (Dies., 1850) Dies., 1855a, 397; 1858d, 277 (in *Limax agrestis*, *L. cinereus*, *L. rufus*; Rhedoni).—Braun, 1893a, 831.—Jackson, 1888, 651.

## CERCARIAEUM—Continued.

*lymnæi auricularis* (Fil., 1854) Dies., 1855a, 398; 1858d, 278–279 (in *Lymnæus auricularis*).

*lymnæi palustris* Dies., 1855a, 399 (for *Heterost. lymnæi* Dies., 1850a, 302, based on Duj., 1845a, 473) (=Dist. *lymnæi* Dies., 1850, renamed); 1858d, 279 (in *Lymnæus palustris*; Rennes).—Sons., 1897, 252.

*lymnæi peregrini* Dies., 1858d, 279 (in *Lymnæus peregrinus*; Turin).

*melanops* Dies., 1855a, 400 (based on *Cercaria paludinae impurae* Baer, 1827b, 655); 1858d, 270 (to *Histriionellina*).

*naidis proboscideæ* Dies., 1858d, 283.

*ovatum* (Dies., 1850) Dies., 1858d, 279–280 (syns. *Heterost. ov.* Dies., Dist. *luteum* La Valette) (adult=Dist. *luteum* Wagener, in *Esox lucius*) (in *Paludina vivipara*) (Berlin, Heidelberg, Regiomontii).—Mont., 1893, 190.

*paludinae impurae* (Fil., 1854) Dies., 1855a, 399 (in *Paludina impura*); 1858d, 280 (syn. of *C. pal. imp. inermis*).

*paludinae impurae armatum* (Fil., 1854a) Dies., 1858d, 281 (in *Paludina impura*).—Par., 1894, 161 (in *Bythinia tentaculata*).

*paludinae impurae inermis* (Fil., 1854a) Dies., 1858d, 280 (syns. *C. pal. imp. Dies.*, Cerc. *pal. inermis* Morl., Dist. *pal. imp. inermis* Fil., adult=Dist. *perlatum* Nord.) (in *Paludina impura*).—Linst., 1873, 1 (larva of Dist. *perlatum* Nord.).—Par., 1894, 162 (in *Bythinia tentaculata*; Pisa).

*paludinae impurae (tentaculorum)* Dies., 1855a, 399 (based on Dist. *pal. imp.* Baer, 1827b, 655) (in *Paludina impura*; Regiomontii); 1858d, 281.

*paludinae viviparae* Dies., 1855a, 399 (=Cercaria *helicis viviparae* Dies., 1850a, 298, renamed); 1858d, 279 (in *Paludina vivipara*; Vilnae).

*physæ fontinalis* (Baer, 1827) Dies., 1855a, 400; 1858d, 282.

*planorbis carinati* (Fil., 1857) Dies., 1858d, 281–282.

*planorbis cornei* (Dies., 1850) Dies., 1855a, 400; 1858d, 281 (syn. of *C. plan. cornei* (ovariorum)).

*planorbis cornei (hepatis)* Dies., 1858d, 281 (in *Planorbis corneus*).

*planorbis cornei (ovariorum)* Dies., 1858d, 281 (syn. *C. planorbis cornei* Dies.) (in *Planorbis corneus*).

*spinulosum* Hofmann, 1899a, 178, 185, 193, 201, pl. 11, fig. 2, of pulmonates, see Dist. *spinulosum* of *Erinaceus europæus*.

*tellinæ balticæ* (Dies., 1850) Dies., 1855a, 400; 1858d, 283.—Braun, 1893a, 830.—Pag., 1862, 298.

*vagans* (Leidy, 1850) Dies., 1855a, 398; 1858d, 278 (syns. Dist. *helicis* Leidy, D. *pericardium* Crep., D. *vagans* Leidy, C. *helicis alternatæ* Dies.) (in *Helix albolabris*, H. *alternata*; Philadelphia).

## CERCARIAEUM Sons., 1897, 252, for Cercariaeum.

CERCORCHIS Luehe, 1900aa, 566 (tod. linstowi), subg. of Telorchis; κέρκος, tail.—Braun, 1901a, 14; 1901b, 58; 1901i, 58.—Looss, 1902m, 831, 832, 834, 835.

1899: Telorchis Looss, 1899b, 566 (tod. linstowi).

linstowii [i] (Stoss., 1890) Luehe, 1900aa, 566.

CHARAXICEPHALUS Looss, 1901i, 7 Nov., 621–622 (m. robustus); 1902, 541, 542, 562, 579, 582, 589, 590, 591, 596, 597, 598, 599, 600, 601, 602, 609, 611, 612–613 (diagnosis) (Pronocephalidae).—Pratt, 1902a, 890, 910 (key).

*robustus* Looss, 1901i, 621–622 (in *Chelone mydas*; Egyptian coast); 1902m, 416, 541–545, pl. 25, figs. 65–69, pl. 26, fig. 89, 548, 597, 599, 612.

CHEILOSTOMUM Dies., 1850a, 286, 293 (m. varicans); 1855a, 379, 381, 394; 1858d, 273.—Burm., 1856a, 250.—Fil., 1857c, 8.—Goldb., 1855a, 15.—Moul., 1856a, 121, 123.

*varicans* (Abildg., 1794) Dies., 1850a, 293; 1855a, 394 (Hab. *primitivum* ignotum); 1858d, 273 (free; Dania).—Moul., 1856a, 213 (to Cerc.).—Pag., 1857, 6.

CHIORCHIS Fischder., 1901, 374 (m. fabaceus); 1902a, 43–44.—Looss, 1902m, 442.—Pratt, 1902a, 887, 893 (key).—Shipley, 1905, v. 6, 8.

*dilatatus* Daday, 1905, 233 (in *Colossoma brachypoma*; Paraguay).

*fabaceus* (Dies., 1839) Fischder., 1901, 374; 1902a, 44–46, 53 (in *Manatus exunguis*, M. *latirostris*; Brazil and North America); 1903h, 528.

*oxycephalus* (Dies., 1836) Daday, 1905, 233 (in *Colossoma brachypoma*).



CHONCHOSOMUM Galli-Valerio, 1901c, 364, for Conchosomum.

*alatum* (Goetze, 1782) Galli-Valerio, 1901c, 364 (in dog).

CHORICOTILE Parona & Perugia, 1889, 743, (for Choricotyle).

CHORICOTYLE Ben. & Hesse, 1863; 1864, 96, 109 (m. chrysophryi).—Braun, 1890a, 477, 498, 516, 517, 522, 546.—Cerf., 1895h, 918, 920; 1896, 514, 515.—Mont., 1888, 8, 11, 86, 89, 99; 1903, 336 (syn. of *Diclidophora*).—Par. & Per., 1890, 10, 13.—Tasch., 1879, 240.

1889: Choricotile Par. & Perugia, 1889, 743, for Choricotyle.

*chrysophrii* Cerf., 1898a, 303 (for chrysophryi).

*chrysophris* Mont., 1888, 11, 16 (for chrysophryi).

*chrysophryi* Ben. & Hesse, 1863; 1864, 109–110, pl. 11, figs. 16–22 (in *Chrysophrys aurata*).—Cerf., 1898a, 303 (*chrysophrii*).—Mont., 1888, 11, 16 (*chrysophris*).—Tasch., 1879, 247 (to *Octobothrium*).

*marionis* St. Loup, 1885, 176 (in *Mæna vulgaris*).

*taschenbergii* Par. & Perugia, 1889, 743 (Choricotile); 1890, 743 (Choricotile) (in *Sargus rondeletii*; Genova); 1890, 6.—Braun, 1890a, 418, 535, to *Octobothrium*.—Cerf., 1898a, 303.

CLACOCÆLIUM Stiles & Hass., 1898a, 89, misprint for Cladocœlium.

CLADOCALIUM Pontallié, 1853, 104, 105 (misprint for Cladocœlium).—Stiles, 1904i, 21.—Stiles & Hass., 1898, 86, 89.

CLADOCELIUM Duj., 1845a, 382, 388, 389 (m. hepaticum), as subg. of Dist.—R. Bl., 1891, 609, 610.—Braun, 1893a, 885, 886, 909, 910; 1895, 138.—Looss, 1899b, 535.—Mont., 1888, 38, 92, 105; 1893, 150, 154.—Stiles, 1904i, 21.—Stiles & Hass., 1898a, 86, 89 (Cladocalium).—Stoss., 1892, 4, 7, raised to generic rank.

1853: Cladocalium Pontallié, 1853, 104, 105, misprint.

1898: Clacocœlium Stiles & Hass., 1898a, 89, misprint.

*delphini* (Poir., 1886) Stoss., 1892, 10 (in *Delphinus delphis*).

*elephantis* (Dies., 1858) Stoss., 1892, 9 (in *Elephas indicus*; Rangoon).

*giganteum* (Dies., 1858) Stoss., 1892, 9–10 (syns. Dist. gig., Fasc. gig., Dist. magnum) (in *Camelopardalis giraffa*, *Cervus aristotelis*, *C. canadensis*, *C. elaphus*, *Dama vulgaris*, *Portax picta*).—Stiles, 1898a, 49, 51; 1904i.—Ward, 1895, 253 (syn. of Fasc. magna); 1903, 866 (in part syn. of Fasc. magna).

*hepaticum* (Linn., 1758) Stoss., 1892, 7–9 (syns. Fasc. hepat., Dist. hepat., Dist. cavie) (in *Antilope dorcas*; *Bos bubalis*, *Egitto*; *B. taurus*; Padova, America; *Camelus bactrianus*, *Cavia cobaja*, *Capra hircus*, *Cervus capreolus*, *C. elaphus*; *C. virginianus*, North America; *Castor fiber*, *Dama vulgaris*, *Elaphus indicus*, *Equus asinus*, *E. caballus*, Padova, North America; *Felis domestica*, *Homo*, Dalmazia, Spagna, Zurigo, Liverpool; *Lepus cuniculus*, *L. timidus*, *Macropus giganteus*; *Ovis aries*, Padova, Normandia, Mecklenburg, Offenbach, Buenos Aires; *Ovis argali*; *Portax picta*, India; *Sus scrofa*).—Braun, 1903, 147 (to Fasc.); 1906, 150, fig. 83 (to Fasc.).—Duj., 1845a, 389.—Rail., 1893a, 342.—Stiles, 1898a, 29; 1904i, 22.—Ward, 1895, 327 (in *Homo*); 332 (in *Bos taurus*); 335 (in *Ovis aries*); 338 (in *Equus caballus*); 1903, 865 (to Fasc.).

*holostomum* (Rud., 1819) Stoss., 1892, 145.—Braun, 1902b, 136, syn. of *Urogonimus macrostomus*.

*palliatum* (Looss, 1885) Stoss., 1892, 10–11 (in *Delphinus delphis*).

*rochebruni* (Poir., 1886) Stoss., 1892, 11 (in *Delphinus delphis*).

*sulcatum* (Linst., 1883) Stoss., 1892, 145.

(CLADOCELIUM) Duj., 1845a, 382, 388, 389 (m. hepaticum), subg. of Dist.

*hepaticum* (Linn., 1758) Duj., 1845a, 389–390, see Fasc.

*macrocotyle* (Dies., 1858) Stoss., 1886, 63.

*miescheri* Zschokke, 1890, 764 (in *Trutta salar*).

*pagelli* (Ben., 1870) Stoss., 1886, 59.

*veliporum* (Crep., 1837) Stoss., 1886, 64.

CLADORCHINÆ Fischder., 1901a, 372; 1902a, 35; 1903h, 490, subf. of *Paramphistomidae*.—Looss, 1902m, 439.—Pratt, 1902a, 887, 892 (key), includes *Gastrodiscus*, *Homalogaster*, *Diplodiscus*, *Cladorchis*, *Chiorchis*; related genus *Balanorchis*.—MacCallum, 1905, 668.—Shipley, 1905, v. 6, 4, 8.—Stiles, 1904i, 45.

- CLADORCHIS** Fischder., 1901a, 372 (tod. pyriformis); 1902a, 35-36, 43, 45.—Looss, 1902m, 836.—MacCallum, 1905, 668.—Pratt, 1902a, 887, 893 (key).—Shipley, 1905, v. 6, 8.
- asper* (Dies., 1839) Fischder., 1901, 373; 1902a, 39 (in *Tapirus americanus*); 1903f, 602-606, pl. 29, figs. 82-85.
- giganteus* (Dies., 1836d) Fischder., 1901, 373 to (Stichorchis); 1902a, 41-42, 43 (in *Dicotyles albirostris*, *D. torquatus*); 1903f, 611-614, pl. 30, figs. 89-92.
- helostomatis* MacCallum, 1905, 673-678, fig. B (in *Helostoma temmincki*; Palembang, Sumatra).
- pangasi* MacCallum, 1905, 668-673, fig. A (in *Pangasius nasutus*; Palembang, Sumatra).
- pyriformis* (Dies., 1839) Fischder., 1901, 373; 1902a, 36-38, 39, fig. 3 (in *Tapirus americanus*); 1903h, 596-602, figs. 78-81.
- schistocotyle* Fischder., 1901, 373, to (Taxorchis) (in *Dicotyles torquatus*); 1902a, 40-41 (syn. *Amphist. giganteum* Dies., 1835 e. p.; Brazil), to (Taxorchis) (in *Dic. torq.*); 1903f, 607-610, pl. 29, figs. 86-87, pl. 30, fig. 88 (schistolotyle).
- subtriquetrus* (Rud., 1814) Fischder., 1901, 373-374, to (Stichorchis); 1902a, 35, 42-43, to (Stichorchis) (syns. *Amphist. subtriq.* Rud., *Dist. amphistomoides* Boj.) (in *Castor fiber*); 1903h, 567, to (Stichorchis); 1903f, 615-620, pl. 30, figs. 93-96.
- watsoni* (Conyngnam, 1904) Shipley, 1905, 129-135, pl. 4, figs. 1-10 (in *Homo*; Africa); 1905, 1-9, pl. 4, figs. 1-10; 1905, April, 205; 1905, 8 April, 950; 1905, 2 Nov., 1298; 1905, 9 pp., 10 figs., 190.
- CLINOSTOMIDÆ** Luehe, 1901, 488.—Looss, 1902m, 839 (includes *Clinost.*, *Harmost.*, *Ityogonimus*, *Urotocus*, *Hapalotrema*.—Odhn., 1902, 42.
- CLINOSTOMINÆ** Pratt, 1902a, 889, 907 (key), includes *Clinost.*, *Nephrocephalus*; additional genera *Sperost.*, *Microlistrum*, *Mesotretes*, *Hapalometra*, and *Distoma oricola*.—Odhn., 1902, 42.
- CLINOSTOMUM** Leidy, 1856, 45 (tld. *gracile*)<sup>a</sup> [not *Clinostomus* Giard, 1856, 211, fish].—Braun, 1893a, 886, 887, 894; 1899, 1, 3; 1899, 465; 1899g, 484-488, 489-493; 1899h, 1-3; 1900h, 1-48, pls. 1-2, figs. 1-20; 1900c, 24-32; 1900, 27, 31; 1901b, 9, 34; 1901, 561; 1904, v. 2 (3), 24-25.—Darr, 1902, 655.—Looss, 1899b, 649-651 (see *æquale*, *heteroclitum*, *commutatum*); 1902m, 839.—Luehe, 1899, 538; 1900, 557; 1901, 488.—MacCallum, 1899, 707.—Mont., 1893, 156.—Odhn., 1902, 29, 42.—Stiles & Hass., 1898a, 86 (*gracile*, designated type), 96.—Odhn., 1902, 29.—Pratt, 1902a, 889, 907 (key).—Stiles, 1901, 184.
- africanum* Stoss., 1906, in Galli-Valerio, 1906, 49-50, fig. 2, in int. of fish; French Kongo.
- complanatum* (Rud., 1814) Braun, 1899g, 490, 491 (in *Ardea cinerea*; Berlin); 1900, 27-28, 31; 1900h, 23-25, 26, 41, 42, pl. 1, figs 6, 7.—Stoss., 1901, 97 (9) (in *Ardea cinerea*; Albona).
- detruncatum* Braun, 1899g, 490 (*Dist. dimorphum* Dies., p. p.) (in *Mycteria americana*, *Ciconia americana*; Brazil); 1900, 29-30, 31; 1900h, 28, 32-34, 35, 37, 39, 40, pl. 2, fig. 11.
- dimorphum* (Dies., 1850) Braun, 1899g, 490 (in *Ardea cocoi*; Brazil); 1900h, 12, 36-38, pl. 1, figs. 3, 9, pl. 2, figs. 12, 18; 1900, 29, 31.—Looss, 1899b, 650.
- dubium* Leidy, 1856, 45 (in *Rusticola minor*); 1904a, 88.—Braun, 1899g, 484; 1900h, 2.—Cobbold, 1859, 10.—Dies., 1858e, 336.—Stoss., 1892, 181.—Stiles & Hass., 1898a, 86.
- foliiforme* Braun, 1899g, 490 (in *Ardea purpurea*; Italy); 1899h, 2; 1900h, 20, 30-32, 42, pl. 1, fig. 5.
- gracile* Leidy, 1856, 45 (in *Pomotis vulgaris*, encysted; *Esox*, intest.); 1904a, 88.—Brand., 1898a, 203 (11).—Braun, 1892a, 651; 1899g, 484, 486, 491 (doubts exist as to identity of *gracile* and *heterostomum*); 1900h, 2, 4, 5, 6, 13, 42; 1900, 26, 31.—Dies., 1858e, 336 to *Dist.*—Looss, 1894a, 137, 138, 171; 1899b, 585, 649, 650, 651 (*gracile* not identical with *heterostomum*).—MacCallum, 1899a, 704, 705, 707, 708.—Mont., 1888a, 92; 1893, 155.—Staff., 1904, May 3, 493 (gills of *Perca flavescens* Mit.; Canada).—Stiles, 1901, 176.—Stiles & Hass., 1894, 414; 1898a, 86, 96 (type of *C.* and syn. of *Dist. heterostomum* Rud.).

<sup>a</sup> Looss considers that *gracile* is not the young form of *heterostomum*, but he accepts the latter as type; this is doubtless a lapsus.

## CLINOSTOMUM—Continued.

- helvans* Braun, 1899g, 490 (in *Ardea coerules* and *Nycticorax gardeni*; Rio de Janeiro); 1900, 30, 31; 1900h, 8, 11, 39–41, pl. 2, fig. 10.
- heterostomum* (Rud., 1809) Braun, 1899g, 487, 489–490 [t. h. *Ardea purpurea*; t. l. apparently Europe]; 1900c, 30–31; 1900h, 11, 19–22 (includes *Dist. het. Rud.*, 1809a, 381; 1819a, 102, 388; Duj., 1845a, 400; Dies., 1850a, 353; Stoss., 1892, 64; Par., 1896, no. 258; *D. hians* p. p. Par., 1887, 331 from *Nycticorax griseus*), figs. 1–2, (29), 42, (44, 45); 1902b, 124.—Looss, 1899, 650.
- heterostomum* MacCallum, 1899a, 697–710, figs. 1–7 (in *Ardea herodias*; Dunville, Ontario, Canada).—Braun, 1900e, 140–141 (identical with *Dist. marginatum* Rud. and ? *D. complanatum* Rud. and ? *D. heterostomum* Wright); 1900h, 29, 45 (syn. of *Clinost. marginatum*); 1904, 23.
- lambitans* Braun, 1899g, 490 (“in Schlunde eines Reihers; Semanabay, Westindien”); 1900c, 30, 31; 1900h, 41–42, pl. 2, figs. 16, 17.
- marginatum* (Rud., 1819) Braun, 1899g, 490 (in *Ardea* sp., Brazil; *Ardea cocoi* and *Mycteria americana* in Brazil), 491; 1900c, 28, 31; 1900h, 25–30, 32, 37, 41, 45, 46, pl. 1, figs. 4, 8, pl. 2, figs. 19, 20.
- reticulatum* (Looss, 1885) Braun, 1899g, 491.—Looss, 1899, 651.
- sorbens* Braun, 1899g, 490 (in *Tantalus loculator*; Brazil); 1900c, 30, 31; 1900h, 34, 37, 45, pl. 2, figs. 13–15; 1902b, 129.

CLONORCHIS Looss, 1907, Feb. 1, 147–152 (tod. *sinensis*).

*endemicus* (Baelz, 1883) Looss, 1907, Feb. 1, 150–152.

*sinensis* (Cobbold, 1875) Looss, 1907, Feb. 1, 148–150 (syn. *Dist. innocuum* Baelz, 1883).

CODONOEPHALUS Dies., 1850a, 287, 317–318 (m. *mutabilis*); 1858e, 312, 323, 393.—Brand., 1888a, 12, 13, 51; 1890a, 578.—Braun, 1894l, 166; 1895b, 132.—Goldb., 1855a, 17.—Mont., 1888, 84, 92.—Moul., 1856a, 16.—Villot, 1898, 542.

*mutabilis* Dies., 1850a, 317–318, *Amphist. urnigerum* Rud., 1819, renamed (in *Pelophylax esculentus*); 1858e, 323 (in *Pel. esc.*).—Baird, 1853a, 49 (=Holst. urn. Duj.).—Brand., 1888a, 13.—Braun, 1892a, 796; 1893a, 870; 1894, 167.—Gastaldi, 1854a, 14 pp., 2 pls.—Giebel, 1857, 266 (*Amphist. urn. Rud.*).—Hannover, 1864a, 3, 4.—Mol., 1858, 128; 1859, 818–819, pl. 1, fig. 2 (in *Pel. esc.*; Padua); 1861, 197.—Mueh., 1898, 16.—Sons., 1893, 188, 190 (syns. *Amphist. urn. Rud.*; *Holost. urn. Duj.*) (in *Rana esculenta* L.).

## CENOGONIMINÆ Looss, 1899b, Dec., 573, 583–584, 586, 619; 1902, 839.—Jägers., 1903a, 14, 15.—Luehe, 1901, 488.—Odhn., 1900, 13, 21; 1905, 314.

CENOGONIMUS Looss, 1899b, Dec., 585, 586, 619 (tod. *heterophyes*); *κοινός*, gemeinsam; *γόνιμος*, Erzeugende; 1900d, 608; 1902m, 515, 833, 835.—Braun, 1901b, 56; 1901e, 334 (syn. of *Cotylogonimus* Luehe); 1901i, 56.—Jägers., 1900c, 736; 1903a, 10, 11, 13, 15.—Luehe, 1900aa, 557.—Odhn., 1900, 21, 22.—Ofenheim, 1900, 183.—Stiles, 1904i, 43.—Stiles & Hass., 1900a, 563.

*fraternum* (Looss, 1894) Jägers., 1903a, 3, for *fraternus*.

*fraternus* (Looss, 1894) Looss, 1899b, 585, 700–701; 1901b, 205.

*heterophyes* (Sieb., 1853) Looss, 1899b, 585, 678, 699–700, 701.—Braun, 1903, 164 (to *Cotylogonimus*).—Jägers., 1903a, 3.—Ward, 1903, 870.

COLEPS Nitzsch, 1827, 69 (m. *Cerc. hirta*).CONCHOSOMA Stoss., 1898, 20, for *Conchosomum*, q. v.

## CONCHOSOMINÆ Rail., 1896, 160.

CONCHOSOMUM Rail., 1896, Mar. 15, 160, Hemist. Dies., 1850 [not Swainson] renamed, tod. *alatum*.—Stoss., 1898, 20.—See also *Alaria* 1788.

1898: *Conchosoma* Stoss., 1898, 20.

1901: *Conchosomum* Galli-Valerio, 1901c, 364.

*alatum* (Göze, 1782) Rail., 1896, 160 (in intest. of *Canidae*).—Piana, 1898, 3.

*spathaceum* (Rud., 1819) Stoss., 1898, 20–21 (in *Larus canus*, *L. argentatus* *michahelesii*; Triest).

*spatula* (Dies., 1836) Stoss., 1898, 20 (in *Buteo vulgaris* at Triest, Iamiano; *Falco peregrinus* at Osipo; *Circus aeruginosus* at Verteneglio, Monfalcone, Doberdb, Iamiano).—See *spatula*.

COSMOCOTYLEA Dies., 1858e, 313, 360, 365 (subf. of *Monocotylea*, contains *Gasterost.*, *Rhipidocotyle*, *Callicotyle*).—Tasch., 1878, 565, 566.COTYLAGASTER Mont., 1904, 65, misprint for *Cotylogaster*.

- COTYLASPI** Leidy, 1857a, 18 (m. *insignis*); 1858a, 110; 1904a, 110.—Braun, 1893a, 886, 887, 888, 891, 894, 896.—Dies., 1859c, 438–439.—Hoyle, 1890, 539 (one species; in *Anodonta*).—Jackson, 1888, 650 (endoparasitic, American *Anodonta*), 654.—Kofoid, 1899, 180, 181, 182, 183, 184.—Mont., 1888, 89, 91, 1892, Oct. 7, 196, 197, 198, 199, (syn. of *Aspidogaster*) 202.—Nickerson, 1902; 599, 603, 604, 605, 612, 613, 615, 617.—Pratt, 1902a, 887, 891 (key).—Shipley & Hornell, 1904, 98.—Tasch., 1879, 259.
- insignis* Leidy, 1857a, 18 (in *Anodonta fluviatilis*, A. *lacustris*); 1858a, 110.—Dies., 1859c, 439.—Kofoid, 1899a, 179–186 (identity with *Platyaspis anodontæ*); 1899b, 179–186.—Mont., 1892, Oct. 7, 197, 201 (syn. of *Aspidogaster conchicola*), 202.—Nickerson, 1902, 612, 613, 614, 619 (in *Unionidæ*; North America).—Osborn, 1905a, 201–242 (habits and structure), figs. 1 (a–f), 1–81; 1905, 201–242, 3 pls., 1 fig.; 1905, 317–318.—Tasch., 1879, 259 (in *Anod. fluv.*, A. *lac.*; North America).—Also reported for *Anodonta corpulenta*, *Unio alatus*, *U. anadontoides*, *U. confragosus*, *U. edentulus*, *U. elegans*, *U. gracilis*, *U. katharinæ*, *U. ligamentinus*, *U. rectus*, *U. tuberculatus*.
- lenoiri* (Poir., 1886) Nickerson, 1902, 613, 614, 619 (in *Tetrathyra*; Senegal).
- COTYLEA** Dies., 1850a, 286, 293 [not of Mont., 1891, 111], subtribe of *Dicranocæla* to contain *Rhopalocerca*, *Bucephalus*, *Malleolus*, *Cerc.*, *Histrionella*, *Diplocotyle*.—Goldb., 1855a, 15.
- COTYLEGASTER** Sieb., 1877 MS. in Cobbold, 1877e, 235, 237 (lapsus for *Aspidocotylus*) [not *Cotylogaster* Mont., 1892].
- cochleariforme* (Dies., 1838) Sieb., 1877 MS. in Cobbold, 1877e, 235, 237 (lapsus), see *Gastrodiscus sonsinoi*; 1879b, 360 (syn. *Aspidogaster cochleariformis*) “not to be confused with *Gastrodiscus*.”—Ward, 1895, 338 (“error—*Gastrodiscus ægyptiacus*,” in *Equus caballus*).
- cochleariformis* (Dies., 1838) Zuern, 1882, 222 (see *cochleariforme*).—Lejtenyi, 1881a, 1.—Sons., 1895, 179, 180; 1896, 297.
- COTYLOCEPHALA** Dies., 1858e, 315 (f. of *Trematoda plectanophora* to contain subf. *Aplacoplectana*, *Placoplectana*), 382.—Ben. & Hesse, 1864, 95.—Mont., 1888a, 84.
- COTYLOGASTER** Mont., 1892a, Oct. 7, 168, 169, 170, 173, 174, 175, 176, 177, 179, 180, 183, 184, 185, 186, 187 (*Aspylogaster*), 188, 189, 190, 191, 194, 195, 196, 197, 198, 206\* (m. *michaelis*), 213 (g. of *Aspidobothridæ*); 1893, 37, 111, 114, 202, 205, 206, 209.—Braun, 1893a, 888, 890, 891, 894, 896, 897, 917, 918; 1893b, 177, 178, 179, 182, 188.—Gamb., 1896, 73.—Kofoid, 1899, 182.—Lejtenyi, 1881a, 2.—Looss, 1894a, 131, 134; 1902, 428, 429.—Nickerson, 1902, 602, 604, 606, 610, 611, 612, 617.—Pratt, 1902a, 887, 891 (key).—Stoss., 1898, 19.
- 1892: *Aspylogaster* Mont., 1892, Oct. 7, 187, for *Cotylogaster*.
- michaelis* Mont., 1892, Oct. 7, 168–173, 198, 206–207, pls. 21–22 (in *Cantharus vulgaris*; Trieste); 1893, 52, 82, 145, 202; 1902, 139.—Braun, 1893a, 887, 898; 1893b, 184.—Jägers., 1899, 203, 207.—Looss, 1902, 420, 421, 428.—Nickerson, 1902, 597, 598, 599, 600, 601, 602, 603, 605, 606, 610, 611, 618 (in *Can. vulg.*; Trieste).—Stoss., 1898, 19; 1899, 3.
- occidentalis* Nickerson, 1900, Feb. 16, 250 (in *Sheepshead*; Mississippi Valley); 1901, Mar. 8, 378; 1902, 597–624, pl. 32, figs. 1–7, pl. 33, figs. 8–21 (in *Aplodinotus grunniens*; Minnesota).
- COTYLOGONIMINÆ** Pratt, 1902a, 888, 897 (key), includes *Cotylogonimus* and *Cryptocotyle*.
- COTYLOGONIMUS** Luehe, 1899k, Dec., 538, 539 (tod. *heterophyes*); 1900, 555, 557.—Braun, 1900h, 6; 1901e, 334, 338; 1901i, 56; 1903, 164; 1906, 171–172.—Pratt, 1902a, 888, 898 (key).—Looss, 1900, 607; 1902, 813, 833.—Stiles, 1904i, 43.—See *Heterophyes*.
- [*concaum* (Crep., 1825), 1899 to (*Cryptocotyle*).]
- fraternus* (Looss, 1894) Braun, 1901e, 337.—Fischder., 1903h, 548.
- heterophyes* (Sieb., 1853) [Luehe, 1899k, 539].—Braun, 1901e, 335, 337, 338; 1903, 3 ed., 164–166, fig. 114; 1906, 136, fig. 71, 172–173, fig. 105.—Fischder., 1903h, 548.—Ward, 1903, 870 (to *Heterophyes*).—Type of *Heterophyes*, q. v.
- persicus* Braun, 1901e, 334–338, pl. 20, fig. 13 (in *Persian wolf*).
- COTYLOPHORA** Mont., 1888a, 84, 93, for *Trematoda cotylophora* Dies., 1858e, 312, a subtribe containing fams. *Monocotylea*, *Tricotylea*, *Polycotylea* [not *Cotylophori* Mayer, 1841a, 24, 25].

- COTYLOTRETUS Odhn., 1902, 32 (m. rugosus).—Pratt, 1902a, 888, 897 (key).  
*rugosus* Odhn., 1902, 32–45, fig. 3 (in *Coluber pullatus* = *Spilotes pullatus*).  
 CRANIOCEPHALA Mont., 1905, 21–24 (m. birói), a temnocephala; κράνειον, cornelian-tree.  
*birói* Mont., 1905, 21–24 (named after L. Biró), figs. 1–2 (in *Sesarma gracilipes* A. Edw.; Sattelberg, New Guinea).  
 CRASPEDELLA Haswell, 1893c, 96, 98, 99, 112, 114, 132, 141, 143, 145 (m. spenceri); 1893f, 154.—Mont., 1899, 84, 115, 116, 117, 120, 121.—Pratt, 1900a, 646, 647 (key).—St.-Remy, 1898, 522, 529.  
*spenceri* Haswell, 1893e, 97, 98, 113, 142, pl. 13, fig. 21, pl. 15, fig. 3 (in *Astacopsis bicarinatus*); 1900, 433.—Mont., 1899, 84, 121 type (in *Ast. bic.*; Austr.).—Pratt, 1900a, 655, 657, fig. 2.—St.-Remy, 1898, 529–530, fig. 1 (in *Ast. bic.*).  
 CREADIINÆ Looss, 1899b, Dec., 571.—Luehe, 1900, 487.—Odhn., 1901, 483.  
 CREADIUM Looss, 1899b, Dec., 570–571, 574, 580, 595 [not Creadium, Creadion Vieill., 1816, bird] tod. isoporum; 1900d, 3 Dec., 602 (renamed Allocreadium).—Braun, 1900, 232; 1901b, 33.—Luehe, 1900, 487, 489; 1901, 397.—Odhn., 1901, 483.—Stiles, 1901, 189.—[See also Dist. commune, D. scorpaenæ, D. fasciatum, D. sophiæ, D. bacillare, D. pedicellatum, D. album, D. mormyri, D. obovatum.—Looss, 1899b, 571.  
*angusticolle* (Hausmann, 1896) Looss, 1899b, 571 [possibly identical with D. commune Ols., 1868, 31].  
*isoporum* (Looss, 1894) Looss, 1899b, 570, 571, 595.  
*pegorchis* Stoss., 1901, descr. of pl. 6, fig. 4, see Allocreadium.  
 CREPIDASTOMUM Pratt, 1902a, 888, 896, misprint for Crepidostomum.  
 CREPIDOSTOMUM Braun, 1900b, 232 (tod. metæcus); 1901b, 31, 33.—Heymann, 1905, 83, 89 (Fasciolidæ, Bunoderinæ).—Looss, 1902, 452, 453, 454.—Odhn., 1905, 296.—Pratt, 1902a, 888 (Crepidast., Fasciolidæ, Psilostominæ), 896 (key).—Staff., 1904, 491.  
 1902: Crepidastomum Pratt, 1902a, 888, 896, misprint.  
*cornutum* (Osborn, 1903) Staff., 1904, May 8, 490 (int. of Ambloplites rupestris Raf.; Canada), 491.  
*laureatum* (Zed., 1800) Braun, 1900b, 232 (in fish).—Heymann, 1905, 87.—Looss, 1901, 564; 1902, 452, 453.—Odhn., 1905, 296.—Staff., 1904, May 3, 490 (int. Salvelinus fontinalis Mit.; Canada), 1. var. in Perca flavescens and Stizostedion vitreum, 2. var. in Necturus maculatus; 1905, Apr. 11, 682 (int. Necturus maculatus; Canada).  
*metæcus* (Braun, 1900) Braun, 1900b, 230–232, pl. 10, fig. 13.—Heymann, 1905, 87.—Looss, 1901, 564; 1902, 451 (in Vespertilio lasiopterus), 452, 453.—Odhn., 1905, 296.  
 CRICOCEPHALUS Looss, 1899b, Dec., 551, 666–667 (tod. delitescens), ὁ κρικκος, ring; 1901b, 209; 1901l, 620; 1902m, 531, 532, 534, 536, 537, 540, 542, 547, 562, 570, 576, 579, 580, 581, 582, 583, 585, 586, 587, 589, 591, 593, 599, 600, 601, 603, 604, 605, 609, 612, 614\* (delitescens=albus).—Braun, 1901a, 50.—Pratt, 1902a, 890, 910 (key).  
*albus* (Kuhl & Hasselt, 1822) Looss, 1899b, 667; 1901l, 621; 1902m, 511, 532 (syn. delitescens), pl. 25, fig. 64; pl. 32, figs. 170–174; 533, 535, 536, 537, 539, 540, 541, 600, 605, 614.—Braun, 1901a, 45, figs. 10, 13, 15, 16.  
*delitescens* Looss, 1899b, 666, 667, 759–762 (in Chelonia mydas; apparently Egypt), 773, figs. 76–80; 1902m, 531, 532 (syn. of Cr. albus), 549, 605.—Braun, 1901b, 38, 44, 45, 48.  
*megastomus* Looss, 1902, 533–536, 540, 541, 605, pl. 25, figs. 57–60, pl. 27, fig. 90 (in Chelone mydas; Egyptian coast).  
*resectus* Looss, 1902m, 537–541, 813, pl. 25, figs. 61–63, 813 (in Chelone mydas; Egyptian coast).  
*ruber* (Kuhl & Hasselt, 1822) Looss, 1899, 762.  
 CROBYLOPHORUS Kroyer, 1852–53a, 813 (m. chimæra).—Dies., 1859c, 447 (syn. of Gyrocotyle).  
*chimæra* Kroyer, 1852–1853a, 813, 1226–1227 (in Chimæra monstrosa L.).—Dies., 1859c, 447 (syn. of Gyrocotyle amphiptyches).  
 CROSSEDERA Mont., 1888, 92 (for Crossodera).

(CROSSODERA) Duj., 1845a, 382, 389, 434–437 [not Gould, 1837, aves], subg. (tld. nodulosa) of Dist.; raised to generic rank by Cobbold, 1860a, 31. See Crossodera.—Mont., 1888a, 12.—Stiles & Hass., 1898a, 84 (syn. of Bunodera).

*auriculatum* (Wedl, 1857) Stoss., 1886, 63.

*campanula* Duj., 1845a, 435, as doubtful (in *Esox lucius*; Rennes, France).

*crucibulum* (Rud., 1819) Duj., 1845a, 363, 435.

*excisum* (Rud., 1819) Duj., 1845a, 436–437.

*laureatum* (Zed., 1800) Duj., 1845a, 435–436. See Crossodera.

*nodulosum* (Frœlich, 1791) Duj., 1845a, 434–435.—Stiles & Hass., 1898a, 85 (designated type of subg). See Crossodera.

*papilliferum* (Mol., 1861) Stoss., 1886, 60.

*verrucosum* (Busch, 1851) Stoss., 1886, 61.

CROSSODERA (Duj., 1845a, tld. nodulosa [nec Crossodera Gould, 1837, aves]) Cobbold, 1860a, 31–32.—R. Bl., 1891, 609.—Braun, 1893a, 885, 890, 909, 911; 1900b, 232; 1900h, 3.—Fil., 1857c, 14.—Hass., 1896a, 7 (syn. of Bunodera Rail.).—Looss, 1899b, 535, 538, 542, 580, 594, 598.—Mont., 1888, 92 (Crossodera), 105; 1892, Oct. 7, 214 (g. of Distominae); 1893, 150, 152, 153, 155.—Rail., 1896, 160 (renamed Bunodera).—Stiles, 1901, 197.—Stiles & Hass., 1898a, 84, 85 (nodulosa type by designation), 87.—Stoss., 1892, 4, 5; 1899, 11.—Wagener, 1860, 165.

1888: Crossodera Mont., 1888, 92, misprint.

*campanula* (Duj., 1845) Cobbold, 1860a, 32 (in *Esox lucius*).

*laureata* (Zed., 1800) Cobbold, 1860a, 32 (in *Salmo trutta*, *S. fario*, *S. umbla*, *Thymallus vexillifer*).

*linearis* (Rud., 1793) Cobbold, 1860a, 32 (in *Phasianus gallus*).—Hass., 1896a, 2 (in *Gallus dom.*).—Rail., 1893a, 368.—Stoss., 1892, 146.

*nodulosa* (Frœlich, 1791) Cobbold, 1860a, 32 (in *Perca fluviatilis*, *Acerina vulgaris*, *Aspro vulgaris*, *A. zingel*, *Lucioperca sandra*, *Esox lucius*, *Barbus communis*).

*papillosa* (Dies., 1850) Cobbold, 1860a 32 (in *Beroë rufescens*) (syn. Dist. *beroës* Will.).

CRUMENA Nitzsch, 1827, 68–69 (m. *Cerc. crumena*).

(CRYPTOCOTYLE) Luehe, 1899, 539 (tod. *concauum*), subg. of *Cotylogonimus*; 1900, 557.—Braun, 1900h, 6; 1901b, 56; 1901i, 56.—Jägers., 1901, 981.—Looss, 1900, 607 (type *concauum*); 1902, 813, 833.—Pratt, 1902a, 888, 897 (key).

*concauum* (Crep., 1825) Fischder, 1903h, 548.

*lingua* (Crep., 1825) Fischder, 1903h, 548.

CRYPTOGONIMUS Osborn, 1903, 315–318 (m. *chili*); 1903, 533–534.—Marshall & Gilbert, 1905, 479.

*chili* Osborn, 1903, 315–318, fig. 2 (in *Micropterus dolomieu*; 'Chautauqua'); 1903, 533–534; 1904, 308.—Marshall & Gilbert, 1905, 478.—Staff., 1905, 682 (in *Ambloplites rupestris* Raf.).

CRYPTOSTOMUM Nitzsch, 1819, sub Amphist.—See Nord., 1832a, 30, 50 (syn. Holost. cuticola); 1840, 561, 628.—Moul., 1856a, 15 (syn. of Hemist.).—[Not *Cryptostoma* Blainv., 1818, mollusk; *Cryptostoma* Latr., 1825, coleopteron; *Cryptostomus* Blainv., 1818, mollusk.]

CUCULANUS Mueller, 1777.—See Nematoda.

*conoideus* Bloch, 1782a, 35, pl. 10, figs. 5–7 (*Cuculanus*) (t. h. *Anas boschas dom.*; Europe).—Dies., 1850a, 383 (syn. of Dist. *echinatum*).—Herbst, 1787a, 42.—Looss, 1899b, 680.—Mueller, 1788b, 18.—Rail., 1886, 297 (to Dist.).—Rud., 1809a, 418, 420, 432.

CYATHOCOTYLE Mueh., 1896, v. 20, 590 (m. *prussica*) (*Holostomidae*; 1897, v. 1, in 243–279, pl. 4; 1897, in 127–128; 1897, in 478–479.—Odh., 1902, 19.—Pratt, 1902a, 889, 908 (key).

*fraterna* Odh., 1902, 19–21 (in *Harelda glacialis*).

*prussica* Mueh., 1896, 590; 1896, 270–278, figs. 7, 15–17 (in *Anas glacialis*); 1898, 4, 16, 80.—Braun, 1901, 259; 1902b, 154.—Odh., 1902, 19, 20.

CYATHOCOTYLINÆ Mueh., 1898b, 20, subf. of *Holostomidae*, contains *Cyathocotyle*.—Pratt, 1902a, 889 (includes *Cyathocotyle*).

- CYCLATELLA** Ben. & Hesse, 1863; 1864a, 65, 66, 81–83 (m. *annelidicola*) (Tristomidæ).—Ben., 1869a, 640, is a bryozoon, see *Loxosoma*.—Braun, 1890a, 518 (= *Loxosoma*).—Mont., 1888a, 86.—Tasch., 1879, 56.
- annelidicola* Mont., 1888a, 88, for *annelidicola*.
- annelidicola* Ben. & Hesse, 1863; 1864a, 82–83, pl. 7, figs. 12–13 (on ? *Clymene*).—Mont., 1888a, 88 (*annelidicola*).—Prouho, 1891, 91–116 (to *Loxosoma*).—Sons., 1895, 119.
- CYCLIDIUM** Mueller, 1786.—Nitzsch, 1827, 69, contains *Cerc. cyclidium* [type by absolute tautonymy], *C. discus*.
- CYCLOBOTHRIUM** Cerf., 1895m, 141, 142, 144–145 (m. *sessilis*); 1896d, 548, 550–551.—Mont., 1903, 336 (subf. *Diclidophorinæ*).—St.-Remy, 1898, 552.—Zool. Anz., 1895, 327.
- sessilis* (Goto, 1894) Cerf., 1895m, 141, 142, 145 (in *Chœrops japonicus*; Japan); 1896, 548, 551.—St.-Remy, 1898, 554 (= *Diclidophora sessilis*).
- sessile* (Goto, 1894), Zool. Anz., 1895, 327.
- CYCLOCIRRA** Mueller, 1841, 147 (apparently m. *thompsonii*).
- thompsonii* Mueller, 1841, 147, based on Thompson, epizoon on *Comatula*.
- CYCLOCÆLEUM** Fuhrmann, 1904, 61, misprint for *Cyclocœlum*.
- CYCLOCÆLINA** Cohn, 1904, 232, misprint for *Cyclocœlinæ*.
- CYCLOCÆLINÆ** Cohn, 1904, 231, 232 (contains *Typhlocœlum* = *Typhlocœlum*).—Stoss., 1902, 2, 3, 4, 7, 8, 9, 11, 12, 31, 34, 35.
- CYCLOCÆLIUM** Fuhrmann, 1904, 59, for *Cyclocœlum*.
- mutabile* (Zed., 1800) Fuhrmann, 1904, 59, 61, to (*Cyclocœlum*).
- CYCLOCÆLUM** Brand., 1892b, 507 (for *Monost. mutabile*, *M. flavum*, *M. arcuatum*, *M. tringæ*, *M. ellipticum*) [tld. *mutabile*].—Braun, 1901e, 346.—Cohn, 1904, 229, 231, 232 (in syn. of *Monost. flavum*).—Looss, 1899b, 659–661, 662; 1901b, 192 (type, *Monost. mutabile*); 1902m, 701, 702, 719, 720, 721, 729, 730, 780.—Luehe, 1901, 174 (type, *Monost. mutabile*); 1901, 481.—Pratt, 1902, 890, 909 (key).—Stoss., 1902, 5, 6, 7, 8, 12.
- 1902: *Cyclocœlum* Stoss., 1902, 40, misprint.
- 1904: *Cyclocœlum* Fuhrmann, 1904, 61, misprint.
- 1904: *Cyclocœlum* Fuhrmann, 1904, 59, misprint.
- adolphi* Stoss., 1902, 19–20, pl. 4, figs. 13, 14 (in *Grus cinerea*, *Ardea cinerea*; Siberia).
- arcuatum* (Brand., 1892) [Brand., 1892b, 507].—Stoss., 1902, 20–22, pl. 4, figs. 15, 16 (syn. *Monost. mutabile* Sieb.) (*Anser dom.*, *Bucephala clangula*; Berlin).
- brasilianum* Stoss., 1902, 16–17, pl. 2, figs. 7, 8 (in *Scolopax flaviceps*; Brazil).
- erile* Stoss., 1902, 17–18, pl. 3, figs. 9, 10 (in *Totanus ochropus*).
- mutabile* (Zed., 1800) [Brand., 1892b, 507].—Stoss., 1902, 12, 13–14, pl. 1, figs. 1, 2 (syns. *Monost. mutabile* Zed., 1800; *M. microstomum* Crep., *Cephalogoni-mus ovatus* Stoss.) (type of genus) (in *Gallinula chloropus*, *Fulica atra*).—[Braun, 1901e, 346].—Cohn, 1904, 231, 232.—[Luehe, 1901 p, 174.]
- ovopunctatum* Stoss., 1902, 15–16, pl. 2, figs. 5, 6 (syn. *Monost. mutabile* Ben.) (in *Numenius arquata*).
- problematicum* Stoss., 1902, 14–15, pl. 1, figs. 3, 4, pl. 7, fig. 25, pl. 8, fig. 29 (syn. *Cyclocœlum* sp. Looss, 1899b, 660, in *Totanus calidris*; Egypt) (in *Totanus calidris*, *T. glottis*).
- robustum* Stoss., 1902, 18, pl. 3, figs. 11, 12 (syn. *Monost. flavum* Par., v. 11 (258) (in *Fuligula cristata*).
- CYCLOCOTYLA** Otto, 1823, 300–302 (m. *bellones*).—Baer, 1826a, 126.—Ben. & Hesse, 1864, 47.—Blainv., 1828a, 570.—Braun, 1889a, 326.—Cobbold, 1877, 238.—Dies., 1840, 234; 1850a, 419 (syn. of *Cyclocotyle*).—Zœringer, 1829.
- 1823: *Octostoma* Otto, 1823, 302 (preoccupied), same as *Cyclocotyla*.
- 1823: *Cyclostoma* Otto, 1823, 302 (preoccupied), same as *Cyclocotyla*.
- bellones* Otto, 1823, 300, pl. 41, fig. 2, a–c (on Hornhecht = *Belone acus*; Naples).—Baer, —, 687, pl. 32, fig. 9.—Blainv., 1828a, 570.—Bl., 1847, 336.—Braun, 1889a, 326.—Dies., 1850a, 419, to *Cyclocotyle*.—Nord., 1832a, 78, 80; 1840, 600 (to *Octobothrium*).

## CYCLOCOTYLA—Continued.

*bellones* Crep., 1839, 291, for *bellones*.—Kroyer, 1852–53a, 1221 (in *Belone rostrata* Fab.).

*lanceolata* Zæringer, (1829); 21.—Braun, 1890a, 553 (on *Salmo fario*) (to *Octobothrium*).—Crep., 1839, 291.

**CYCLOCOTYLE** for *Cyclocotyla*.—Burm., 1837, 530.—Braun, 1890a, 515–518 (belongs to *Octobothrium* Leuck.).—Crep., 1838, 84.—Dies., 1850a, 289, 419 (of Otto, syn. of *Octobothrium* Nord.). 423 (of Schultze, syn. of *Discocotyle*); 1858e, 314, 372 (of Otto).—Gold., 1855a, 19.—Mont., 1888a, 83.—Tasch., 1879, 233, 239.—See *Cyclocotyla*.

*bellones* (Otto, 1823) Dies., 1850a, 419 (on *Belone acus*) (syns. *Cyclocotyla bellones*, *Octobothrium bellones*); 1858e, 372.—Tasch., 1879, 245 (to *Octobothrium*).

*lanceolata* Schulze in Zæringer (1829).—Crep., 1839a, 291, note 25.—Dies., 1850a, 424 (syn. of *Discocotyle sagittata*).—Tasch., 1879, 244 (syn. of *Octobothrium sagittatum* Leuck.).

**CYCLOGENA** Hemp. & Ehrenb., 1828a (m. *Cerc. lupus*; Berlin), fam. *Hydatinorum*.

**CYCLOSTOMA** Otto, 1823, 302 (as syn. of *Cyclocotyla*) [not *Cyclostoma* Lam., 1801, mollusk; *Cyclostoma* Nilss., 1832, fish; *Cyclostoma* for *Ciclostoma* Scacchi, 1836, mollusk].

**CYMATOCARPUS** Looss, 1899b, Dec., 550, 551, 593–594 (tod. *undulatus*). 607, 611, 633; *τὸ κύμα*=wave, *ὁ καρπός*=fruit.—Braun, 1901b, 22.—Odh., 1902, 38, 41, 42.—Pratt, 1902a, 889, 903 (key).—Staff., 1903, 828.

*solearis* (Braun, 1899) Braun, 1901b, 22, 23, fig. 8, or Looss, 1901l, Oct. 30, 563; 1902m, 508.

*undulatus* Looss, 1899b, 594, 711–712, figs. 32–34 (in *Thalassochelys undulatus*; Abukir, July); 1901l, 563; 1902m, 414, 508.—Braun, 1901a, 22, 23.—Heymann, 1905, 84.—Luehe, 1900, 561.

**CYSTAGORA** Staff., 1905, Apr. 11, 683 (m. *tetracystis*); *κύστις*, bladder; *ἀγορά*, assembly.

*tetracystis* (Gastaldi, 1854) Staff., 1905, 683 (in *Rana catesbiana*, *R. virescens*; Canada).

**DACTYCOTYLE** Ben. & Hesse, 1863; 1864a, 96, 110 (*pollachii* [type by present designation], *lusca*); *δάκτυλος*, finger.—E. Ben., 1868a, 4–7; 1868, 22–36, 1 pl.—Braun, 1890a, 446.—Mont., 1888a, 8, 11, 16, 52, 59, 66, 86, 89, 99; 1903, Dec., 336 (syn. *Pterocotyle*) (in subf. *Octocotylinae*; f. *Octocotylidae*).—Par., 1894, 135 (syn. of *Dactylocotyle* Par. & Perugia).—Par. & Perugia, 1890, 4, 7; 1890, 10.—Tasch., 1879, 59, 73; 1879, 240.

1873: *Dactylocotyle* Marshall, 1873, 430.

1889: *Dactylocotyle* Braun, 1889a, 364, misprint.

*lusca* Ben., 1868a, 7 (in *Morrhua lusca*) (for *lusca*).

*lusca* Ben. & Hesse, 1864, 111–112 (in *Morrhua lusca*).—Ben., 1868, 36.—Braun, 1889a, 364 (on M. l.); 1890a, 535, to *Octobothrium* (*Dactylocotyle*).—Tasch., 1879, 247, to *Octobothrium*.

*phycidis* (Par. & Perugia, 1889), Par. & Perugia, 1890, 4; 1890, 7.—Braun, 1890a, 535, to *Octobothrium* (*Dactylocotyle*).

*pollachi* Mont., 1888, 66 (for *pollachii*).

*pollachii* Ben. & Hesse, 1863; 1864, 110–111, pl. 11, figs. 23–30 (in *Merlangus pollachius*).—Ben., 1868a, 7; 1868, 36, 1 pl.—Braun, 1889a, 364 (on *Mer. pol.*); 1890a, 535, to *Octobothrium* (*Dactylocotyle*).—Mont., 1888, 66 (*pollachi*).—Par. & Perugia, 1890, 4.—Scott, 1901, —, pl. 8; 1905, 117.—Tasch., 1879, 242, 246 (to *Octobothrium*).—Can best be taken as type of genus.

**DACTYLOCEPHALA** Mont., 1899, 115, 116, 117, 120, 121 (type *Temnocephala madagascariensis*).—Pratt, 1900, 646, 647 (*Temnocephalidae*, *Temnocephalinae*).

*madagascariensis* (Vayssièrè, 1892) Mont., 1899, 121 (in *Astacoides madagascariensis*; Madagascar).



**DACTYLOCOTYLE** Marschall, 1873, 430, 795, and 796, apparently for *Dactycotyle*. Ben. & Hesse, 1863.—Braun, 1890a, 469, 471, 477, 484, 490, 498, 516, 517, 522, 535 (syn. or subg. of *Octobothrium*), 546.—Cerf., 1895h, 913-946, pls. 1-2, figs. 1-20; 1895i, 831-834; 1895k, 634; 1895m, 125, 126, 137, 138, 139; 1896c, 232-233; 1896, 510-535, 536, 545, 546, 547; 1898a, 301, 302, 305-315, 322-323; 1899a, 345, 370, 383, 411.—Lint., 1905, 333, 352, fig. 151 (sp. on *Brevoortia tyrannus*).—Par., 1894, 135 (syn. *Dactycotyle* Ben. & Hesse).—Pratt, 1900a, 646 (*Polystomidae*, *Octocotylinæ*) 652 (on gills of fish, esp. *Gadidae*), 656, 660, fig. 35.—St.-Remy, 1898, 523, 545, 548.—Scott, 1901, 150.—Scudder, 1884 (1882), part 2, 91 [gives date as "1883 [1862]" and quotes Marschall, which is 1873].—Stoss., 1898, 12.

*carbonarii* Cerf., 1895h, 929, 931, pl. 1, figs. 1, 5, 9, 10, 11, pl. 2, figs. 12-20.

*denticulatum* (Ols., 1876) Cerf., 1895h, 922, 923-938, 941, 943, type of genus<sup>a</sup> (in *Gadus carbonarius*); 1896, 517, 518-530, 532-533, 534, pl. 23, figs. 1, 5, 9, 10, 11, pl. 24, figs. 12-20; 1898a, 301, 305<sup>a</sup>, 307, 312, 313, 317, 318, 323, 325, pl. 12, figs. 6-9 (in *Gadus carbonarius* (Linn.)).—Lint., 1901, 408, 414 (in *Pollachius virens*), 474.—Par., 1899, 4.—Pratt, 1900a, 656, fig. 35, 657, 660 (key).—St.-Remy, 1898, 548-549, 550 (in *Gadus virens*, *G. carbonarius*).—Staff., 1904, May 3, 482 (gills of *Pollachius virens* [virens] L.; Canada).

*lusæ* (Ben. & Hesse, 1863) Tasch., 1879, 247 (to *Octobothrium*).—Braun, 1890a, 535 (as *Octobothrium* (*Dactylocotyle*) *lusæ*, on *Morrhua lusca*).—Cerf., 1895h, 922; 1896, 517; 1898a, 302, 307, 312, 315-322, 326, pl. 12, figs. 1-5 (in *Morrhua lusca*); 1899a, 372.—Par., 1899, 4 (to *Octobothrium*) (on *Gadus minutus*; *Portoferraio*).—St.-Remy, 1898, 551.

*merlangi* (Kuhn, 1830) Cerf., 1895h, 922, 939, 942-943, pl. 1, figs. 4, 8 (in *Gadus merlangus*); 1896, 517, 531, 534, pl. 23, figs. 4, 8; 1898a, 301, 304, 310, 312, 324-325, pl. 12, figs. 12, 13 (in *Gadus merlangus* L.); 1899a, 370.—St.-Remy, 1898, 550, 556.

*minor* St.-Remy, 1898, 551=*Octobothrium minus* Ols., 1876.

*molæ* Cerf., 1895h, [944], pl. 1, figs. 3, 7; 1896, pl. 23, figs. 3, 7.

*morrhæ* (Ben. & Hesse, 1863) St.-Remy, 1898, 551 (= *Pterocotyle morrhue*).

*palmatum* (Leuck., 1830) Cerf., 1895h, 922, 939-940, 943-944 (in *Gadus molva*); 1896, 517, 531, 534-535; 1898a, 302, 312, 325-326 (in *G. mol. L.*); 1899a, 370.—St.-Remy, 1898, 550-551 (syn. *Octodactylus inhærens* Dalyell).—Scott, 1897, Apr., 127 (in the Moray Firth).

*phycidis* Par. & Perugia, 1889, 743-744, fig. 5 (in *Phycis blennoides*; Genova); 1890, 743-744, fig. 5.—Braun, 1890a, 535 to (*Octobothrium* (*Dactylocotyle*) on *Phycis blennoides* [blennoides]).—Cerf., 1895h, 922; 1896, 517; 1898a, 302.—Par., 1894, 135-136 (in *Phycis blennoides*; Genova).—St.-Remy, 1898, 551.—Staff., 1904, May 3, 482 (gills of *Phycis chuss* Walb.; Canada).

*pollachii* (Ben. & Hesse, 1863) Braun, 1883a, 50; 1890a, 472, 476, 492, 498, 535, to *Octobothrium* (*Dactylocotyle*), on *Merlangus pollachius*.—Cerf., 1895h, 914-915, 921, 922, 938, 941-942, pl. 1, figs. 2, 6 (in *Gadus pollachius*); 1896, 211, 516, 517, 530, 533-534, pl. 23, figs. 2, 6; 1898a, 301, 311, 312, 317, 318, 319, 321, 324 (in *G. p.*).—St.-Remy, 1898, 549-550, 551.—Scott, 1901, 150, pl. 8, figs. 28, 29; 1901, 343 (in *G. p.*; Irish Sea).

*squillarum* (Par. & Perugia, 1889) Stoss., 1898, 12-13 (on *Bopyrus squillarum*; Trieste).

*taschenbergi* Par., 1894, 704 (for *taschenbergii*).

*taschenbergii* (Par. & Perugia, 1889) Par., 1894, 136, to (*Choricotyle*) (in *Sargus rondeletii*; Genova).—Cerf., 1895h, 922, 923; 1896, 517.

**DACTYLODA** Mont., 1905, 25, Mai, 403 (order for *Temnocephalidae*).

**DACTYLODISCUS** Ols., 1893, 7 8 (*m. borealis*).—Mont., 1903, 336 (syn. of *Tetraonchus*); 1905, 79-80.—Pratt, 1900a, 646, 554 (key), 657, fig. 48.—St.-Remy, 1898, 524, 564, 567.

*borealis* Ols., 1893, 7-8, pl. 1, figs. 7-10 (on *Thymallus vulgaris*, in lacubus Jemtlandiæ Sällsjön. Näliden, Ockesjön et in flumine ad Mörsil; *Coregonus lavaretus*, in lacu Ockesjön).—Mont., 1905, 79.—St.-Remy, 1898, 568, fig. 6 (in *Coregonus lavaretus*).—Pratt, 1900a, 657, fig. 48.

<sup>a</sup> "Dans la description, le *Dactylocotyle denticulatum* avait été pris comme type, parce que c'est dans cette forme que les organes de fixation, caractéristiques du genre, présentaient la plus grande complication."—Cerf., 1898, p. 305.

It is impossible to take this species as type. See International Code, Art. 30.

- DACTYLOGYRUS** Dies., 1850a, 290, 433, 650, 651-652 (*m. auriculatus*); 1858e, 374, 375; 1859c, 440.—Ben., 1858a, 1861a, 63.—Ben. & Hesse, 1864, 121.—Brand., 1894a, 309.—Braun, 1890a, 412, 413, 417, 426, 434, 438, 444, 445, 452, 458, 465, 468, 478, 479, 486, 497, 499, 503, 512, 515, 517, 523, 542, 543; 1893a, 890.—Carus, 1863, 478.—Cobbold, 1879, 41, 42.—Fraip., 1880c, 418.—Gamb., 1896a, 73.—Goldb., 1855a, 20.—Goto, 1891a, 161, 166, 183, 185; 1893a, 798, 801, fig. 3.—Haaswell, 1892b, 150; 1893e, 114.—Hoyle, 1890, 539 (about 20 species, on fishes).—Jackson, 1888, 654.—Kath., 1894a, 128, 133, 144, 155, 156, 157.—Leuck., 1886d, 45, 48.—Maclaren, 1904b, 574, 598, 599, 600.—Mont., 1888a, 10, 14, 40, 84, 86, 101, 107; 1889, 114; 1891, 109, 111; 1892, Oct. 7, 186, 213 (gen. of Gyrodactylinae); 1903, 336 (of subf. Gyrodactylinae).—Olss., 1893, 7.—Pratt, 1900a, 646, 654 (key), 657, fig. 44.—St.-Remy, 1898, 524, 566.—Stoss., 1898, 18.—Tasch., 1879, 69; 1879, 260 (syn. of *Gyrodactylus* Nord.), 261, 263 (of Wagener, syn. of *Tetraonchus* Dies.), 265 (of Wagener, syn. of *Calceost.* Ben.).—Wagener, 1857, 28, 29, 50, 54-55, 57-76.
- aquans* Wagener, 1857, 99, pl. 15, fig. 14 (in *Labrax lupus*); —, 84.—Ben. & Hesse, 1864, 121, 122 (to *Diplectanum*).—Dies., 1858e, 381 (to *Diplectanum*).—Tasch., 1879, 264 (to *Diplectanum*).
- alatus* Linst., 1878, 227, fig. 10 (on *Blicca bjerkna*; Europe); 1889a, 91 (in *Bl. bj.*, *Alburnus lucidus*).—Braun, 1890a, 544, 549, 550.
- amphibothrium* Wagener, 1857, 57, 58, 60, 66, 70, pl. 11, figs. 3, 4, pl. 12, figs. 1-4, pl. 15, fig. 11 (in *Accerrina cernua*).—Braun, 1890a, 544, 549, 550.—Dies., 1858e, 377.—Linst., 1873, 99; 1878, 229-230, fig. 15.—Tasch., 1879, 262 (in *Acerina cernua*).
- anchoratus* (Duj., 1845) Wagener, 1857, 49, 52, 55, 62, 99, pl. 15, fig. 8.—Dies., 1858e, 376.—Kath., 1894a, 156.—Reported for *Carassius auratus*, *Cyprinus carpio*.
- auriculatus* (Nord., 1832) Dies., 1850a, 433, 651-652; 1858e, 375-376; 1859c, 440.—Ben., 1858a, 1861a, 66 (to *Gyrodactylus*).—Braun, 1890a, 419, 544, 549, 550, 551.—Kath., 1894a, 156.—Kroyer, 1852-53a, 1223, 1225, 1226 (in *Abramis brama* L.; *Phoxinus phoxinus* L.).—Par. & Perugia, 1890, 9.—Pratt, 1900a, 657, fig. 44.—Tasch., 1879, 261 (syns. *Gyrodactylus auric.* Nord.; *G. anchoratus* Duj.) (in *Abramis brama*, *Cyprinus carpio*, *Phoxinus phoxinus*).—Wagener, 1857, 76.
- benedeni* St.-Remy, 1898, 566, 567 for *Dactylogyrus vanbenedeni* Par. & Perugia.
- calceostoma* Wagener, 1857, 99 (in *Sciæna aquila*).—Dies., 1858e, 379 (in *Sc. aq.*); 1859c, 441 (syn. of *Calceost. elegans* Ben., type of *Calceostomum*).—Tasch., 1879, 265 (syn. of *Calceost. elegans* Ben.) (of Ben.).
- cochlea* (Wedl, 1857) Braun, 1890a, 408, 417.
- cornu* Linst., 1878, 228-229, fig. 13 (on *Abramis vimba*).—Braun, 1890a, 544, 549, 550 (on *Ab. v.*; Middle Europe).
- crassiusculus* (Wedl, 1857) Braun, 1890a, 417, 435.
- cruciatus* (Wedl, 1857) Braun, 1890a, 417.
- crucifer* Wagener, 1857, 55, 60, 63, 73, pl. 14, fig. 3 (in *Cyprinus erythrophthalmus*).—Braun, 1890a, 544, 549, 551.—Dies., 1858e, 377-378.—Tasch., 1879, 262 (in *Leuciscus erythrophthalmus*).
- difformis* Wagener, 1857, 63, pl. 15, fig. 6 (in *Cyprinus erythrophthalmus*).—Braun, 1890a, 544, 549, 551.—Dies., 1858e, 378 (in *Leuciscus erythrophthalmus*).—Tasch., 1879, 262 (in *L. ery.*).—Also reported for *Scardinius erythrophthalmus*).
- dujardinianus* (Dies., 1850) Dies., 1858e, 376 (in *Cyprinus carpio*, *Leuciscus rutilus*); 1859c, 440 (syn. *Gyrodactylus auriculatus* Ben.).—Braun, 1890a, 544, 549, 550, 551.—Kath., 1894a, 156.—Linst., 1877, 182-183.—Olss., 1893, 7.—St.-Remy, 1898, 566-567.—Tasch., 1879, 261 (syn. *Gyrodac. auric.* Nord. of Duj., 1845a) (in *Cypr. carpio*, *Leuc. rut.*, *Abramis brama*).—Also reported for *Cypr. gibelio*, *Leuc. idus*, *L. prasinus*.
- echeeni* Wagener, 1857, 99, pl. 15, fig. 13 (in *Chrysophrys aurata*).—Braun, 1890a, 544, 549 (Genova), 550.—Dies., 1858e, 379 (in *Chrys. aur.*).—Par. & Perugia, 1889, 746 (in *Chrys. aur.* Wagener); 1890, 746.—Tasch., 1879, 263 (in *Chrys. aur.*).
- falcatus* (Wedl, 1857) Dies., 1858e, 377 (in *Cyprinus* sp.).—Braun, 1890a, 417, 544, 549.—Tasch., 1879, 261-262 (syn. *Gyrodactylus falcatus* Wedl).

## DACTYLOGYRUS—Continued.

- fallax* Wagener, 1857, 55, 70, pl. 11, figs. 1, 2, pl. 15, fig. 7 (in *Cyprinus erythrophthalmus*, *C. rutilus*).—Braun, 1890a, 544, 549; 551.—Dies., 1858e, 376–377.—Tasch., 1879, 261 (in *Leuciscus rutilus*, *L. erythrophthalmus*).—Also reported for *Leuc. idus*, *L. prasinus*, *Scardinius erythrophthalmus*.
- forceps* Leuck. (1857), 26 (in *Chondrostoma nasus*); 1858a, 118 (in *Cyprinus nasus*, *C. dobula*).—Linst., 1878a, 254 (in *Squalius cephalus*), 257 (in *Chond. nasus*).
- gracilis* Wedl. 1861, 480, pl. 3, figs. 41–42 (on *Hydrocyon dentex*).—Braun, 1889a, 362.
- maior* Tasch., 1879, 263 (in *Gobio fluviatilis*) (for major).
- major* Wagener, 1857, 99, “pl. 15, fig. 9” (in *Gobius fluviatilis*).—Braun, 1890a, 544, 549, 550.—Dies., 1858e, 379 (in *Gobio fluviatilis*).—Tasch., 1879, 263 (maior) (in *Gobio fluviatilis*).
- malleus* Linst., 1877, 182, pl. 12, figs. 12–13 (in *Barbus fluviatilis*).—Braun, 1890a, 544, 549, 550.—Sramek, 1901, 95, 110, fig. 64 (in *Barb. fluvi.*).
- megastoma* [also *megastomum*] Wagener, 1857, 57, 62, 67, 99, pl. 14, fig. 5, pl. 36A, fig. 2 (in *Cyprinus blicca*, *C. amarus*).—Braun, 1890a, 544, 549, 551.—Dies., 1858e, 378 (in *Rhodeus* (*Cyprinus*) *amarus*).—Tasch., 1879, 262 (in *Rhod. am.*).
- megastomum*, see *megastoma*.
- minor* Wagener, 1857, 60, 63, pl. 14, fig. 4 (in *Cyprinus alburnus*).—Braun, 1890a, 544, 549, 550.—Dies., 1858e, 378 (in *Aspius alburnus*).—Linst., 1878, 227–228, fig. 11.—Tasch., 1879, 262 (in *Aspius alburnus*).—Also reported for *Alburnus lucidus*, *Blicca björkna*).
- mollis* (Wedl, 1857) Dies., 1858e, 378–379 (in *Cyprinus carpio*).—Braun, 1890a, 544, 549, 550.—Linst., 1885, 252, pl. 15, fig. 29.—Mont. 1888, 90.—Tasch., 1879, 262 (syn. *Gyrodactylus mollis* Wedl) (in *Cyprinus carpio*).
- monenteron* Wagener, 1857, 52, 55, 56, 58, 61, 63, 64, 65, 66, 67, 69, 70, 71, 72, 73, 76, pl. 13, fig. 1, pl. 36A, fig. 3f (in *Esox lucius*).—Braun, 1890a, 424, 452, 486.—Dies., 1858e, 380 (to *Tetraonchus*).—Olss., 1893, 7.
- paradoxus* (Crep., 1839a) Linst., 1878a, 210 (in *Lucioperca sandra*).
- pedatus* Wagener, 1857, 99, pl. 15, fig. 12, pl. 36A, fig. 3 (in *Julis*).—Ben. & Hesse, 1864, 121.—Dies., 1858e, 382 (to *Diplectanum*).—Tasch., 1879, 264 (to *Diplec.*).
- siluri* Wagener, 1857, see Braun, 1890a, 544, 549, 552 (in *Silurus glanis*; middle Europe).
- siluri glanidis* Wagener, 1857, see Dies., 1858e, 379 (in *Silurus glanis*).
- species Olsson (in *Coregonus lavaretus*).
- species Sramek, 1901, 95 (in *Blicca björkna* L.).
- species Sramek, 1901, 95 (in *Carassius vulgaris* L.).
- species Sramek, 1901, 95 (in *Idus melanotus* L.).
- species Sramek, 1901, 96 (in *Scardinius erythrophthalmus* Bonap.).
- sphyræ* Braun, 1890a, 544, 549, 550, for *sphyræna*.
- sphyræna* Linst., 1878, 229, fig. 14 (in *Abramis vimba*).—Braun, 1890a, 544 (*sphyræ*), 549 (middle Europe), 550.
- tenuis* (Wedl, 1857) Dies., 1858e, 379 (in *Perca fluviatilis*).—Braun, 1890a, 417, 544, 549, 551.—Tasch., 1879, 262–263 (syn. *Gyrodactylus tenuis* Wedl) (in *Perca fluviatilis*).
- trigonostoma* Wagener, 1857, 99, “pl. 15, fig. 10” (in *Cyprinus rutilus*).—Braun, 1890a, 544, 549, 551.—Dies., 1858e, 379 (in *Leuciscus rutilus*).—Tasch., 1879, 263 (in *Silurus glanis*).—Also reported for *Leuc. idus*, *L. prasinus*.
- tuba* Linst., 1878, 228, fig. 12 (in *Squalius leuciscus*).
- uncinatus* Wagener, 1857, pl. 13, fig. 2 (in *Perca fluviatilis*).
- unguiculatus* Wagener, 1857, 61, 62, 64, 65.—Dies., 1858e, 381 (to *Tetraonchus*).—Tasch., 1879, 263 (to *Tetraonchus*).
- van benedeni* St.-Remy, 1898, 567 (syn. of *Tetraonchus benedeni*), for *van benedenii*.
- van benedenii* Par. & Perugia, 1895, 2 (in *Mugil auratus*; Trieste, Dec.), see also *benedenii*.

DECACOTYLUS Mayer, 1841a, 24, *D. lanceolatus* alose.

*lanceolatus alose* Mayer, 1841a, 24, *Octobothrium lanceolatum* renamed.

DENDROCELI Burm.—Braun, 1890a, 515.—Mont., 1888a, 83.—Tasch., 1879, 233 (contained f. *Malacobothrii* for *Diplost.*, *Cerc.*, *Dist.*, *Amphist.*, *Holost.*,

## DENDROCELI—Continued.

Polyst., Monost., Caryophyllæus, and f. Plectobothrii for Aspidogaster, Trist., Octobothrium, Diplozoon, Hectocotyle, Cyclocotyle, Nitzschia, Axine).

## DERMOCYSTIS Staff., 1905, Apr. 11, 682 (m. ctenolabri); δέρμα, skin; κύστις bladder.

*ctenolabri* Staff., 1905, Apr. 11, 682 (gills and skin of *Ctenolabrus adspersus* Walb.) includes Linton, 1899, 281, 296, pl. 40, figs. 76–81.

## DEROGENES Luehe, 1900w, 507–509 (m. ruber); 1901n, 395, 396, 476, 478–479, 480, 481, 484 (Hemiuridae).—Looss, 1901, 206; 1901, 438; 1901, 658; 1902, 839.—Odh., 1905, 363, 364, 365, 366.—Pratt, 1902a, 889, 905 (key).—Stoss., 1902, 582.

*affinis* (Rud., 1819) Luehe, 1901n, 479 (in *Scorpæna cirrosa*).—Odh., 1905, 364.

*cacozelus* Nicoll, 1907, 72, 90–91, pl. 3, fig. 10 (in *Pleuronectes limanda*, *Hippoglossus vulgaris*).

*minor* Looss, 1901d, 437–439, fig. 5 (in *Labrus merula*; Trieste).—Johnstone, 1907, 191–192.—Luehe, 1901n, 479.—Odh., 1905, 361, 364.

*plenus* Staff., 1904, May 3, 484 (in *Anarrhichas lupus*; Canada); 1905, Apr. 11, 682.

*ruber* Luehe, 1900, 507–509 (in gall bladder of *Trigla lineata*); 1901, 396, 479, 483.—Looss, 1901, 437, 438, 439.—Odh., 1905, 362, 363, 364.

*urocotyle* (Par., 1899) Odh., 1905, 364.

*varicus* (Mueller, 1784) Looss, 1901d, 438, 439.—Johnstone, 1907, 188–192, fig. 18 (in G. merl.; Cumberland).—Luehe, 1901, 479.—Nicoll, 1907, 68, 70, 71, 72, 90, 91 (in *Cottus bubalis*, *C. scorpius*, *Gadus merlangus*, *Hippoglossus vulgaris*, *Pleuronectes limanda*, *Rhombus lævis*, *R. maximus*).—Odh., 1905, 360–364, 365, pl. 4, figs. 6–7 (syns. Fasc. varica Mueller, Dist. dimidiatum.—Staff., 1904, May 3, 483 (in *Salmo salar*, *Gadus callarias*, *Melanogrammus aeglefinus*, *Pollachius virens*, *Clupea harengus*, *Osmerus mordax*, *Sebastes marinus*, *Anguilla anguilla*, *Cryptacanthodes maculatus*, *Acanthocottus scorpius*, *Hemirhamphus americanus*, *Lophius piscatorius*, *Hippoglossus hippoglossus*, *Limanda ferruginea*, *Platysomachichthys hippoglossoides*, *Hippoglossoides platessoides*; Canada), 484; 1905, Apr. 11, 682 (abundant in copepods, Acartia, Aug.).

## DEROPRISTIS Odh., 1902, 154–156 (tod. hispida).—Pratt, 1902a, 888, 896 (key).

*hispida* (Abildg., 1819) Odh., 1902, 155, 156, 159.—Staff., 1904, May 3, 492 (hispidus, int. *Acipenser rubicundus*), 493.

*inflata* (Mol., 1859) Odh., 1902, 157–160, figs. 1–2 (in *Anguilla vulgaris*; Trieste).—Staff., 1904, May 3, 485 (int. *A. anguilla*; Canada).

## DEUTEROBARIDINÆ Looss, 1902m, 699.

## DEUTEROBARIS Looss, 1900, Dec. 3, 602=Baris Looss, 1899 [not Germ., 1817] renamed, hence type proteus; 1902, 546, 634, 635, 639, 646, 647, 648, 659, 660, 664, 669, 674, 675, 682, 684, 693–694, 695, 698, 699.—Pratt, 1902, 890, 909 (key).

*proteus* (Brandes, 1891) Looss, 1902, 416, 633, 694, pl. 31, figs. 151–168 (in first, widened, portion of large intestine of *Chelone mydas*).

## DIAPHOROCOTYLINÆ Mont., 1903, 336 (f. Octocotylidæ).

## DICLIBOTHRUM Leuck., 1836a, 764, see Diclybothrium.

## DICLIDOPHORA Dies., 1850a, 289, 417–418 (longicollis and palmata), 425; 1858c, 315, 383–384.—Braun, 1890a, 518.—Burm., 1856a, 251.—Cérif., 1895h, 920; 1895m, 130, 134, 137, 139, 140, 141, 142–143; 1896, 516, 540, 542, 545, 546, 547, 548, 549–550.—Gamb., 1896a, 73.—Goldb., 1855a, 19.—Johnston, 1865a, 31.—Mont., 1903, 336 (syn. Choricotyle) (subf. Diclidophorinæ).—Pratt, 1900a, 646, 652 (key), 656, 660, fig. 36.—St.-Remy, 1898, 523, 545, 551–552.—Tasch., 1879, 239.

*affinis* (Lint., 1898) Lint., 1901, 408, 414, 482 (in *Paralichthys dentatus*).—Pratt, 1900a, 656, fig. 36, 657, 660 (key).

*chrysophri* St.-Remy, 1898, 555, for chrysophryi.

*chrysophryi* (Ben. & Hesse, 1863) ———, 1895.

*elongata* Goto, 1894a, 210–212 (in *Pagrus tumifrons*, sometimes on *Cymothoa*; Mogi and Hakodate, Japan).—Cérif., 1895m, 126, 142, 144 (in *Pag. tum.*; Japan); 1896, 536, 547, 548, 550; 1898a, 303.—St.-Remy, 1898, 553.

## DICLIDOPHORA—Continued.

*labracis* (Cerf., 1895m, 126–142, 143, pl. 3, figs. 1–15 (in *Labrax lupus*; White Bank, N. Sea); 1896, 535–537, 539, 540, 548, 550, pl. 25; 1896, 230–232; 1898b, 338; 1899a, 371, 412.—Ben., 1895, 20–21.—Braun, 1896a, 1346.—St.-Remy, 1898, 554–555.

*longicollis* Dies., 1850a, 417 (Octost. merlangi Kuhn, 1830, renamed) (in *Merlangus communis*); 1858e, 384; 1859c, 443 (to Octoplectanum).—Ben., 1858a, 1861a, 44, 49 (syn. of Octobothrium merlangi.—Cerf., 1895h, 915 (syn. of Octob. merl.); 1895m, 139; 1896, 512, 547.—Tasch., 1879, 245 (syn. of Octob. merl. Kuhn).

*merlangi* (Kuhn, 1829) Kroyer, 1838–40a, 606 (in *Merlangus vulgaris* L.).

*palmata* (Leuck., 1830) Dies., 1850a, 417–418 (includes Octobothrium digitatum Rathke); 1858e, 384; 1859c, 443 (to Octoplectanum).—Cerf., 1895f, 20–21; 1895h, 917 (to Octobothrium); 1895m, 139; 1896, 513, 547.—Johnston, 1865a, 31.—Kroyer, 1838–40a, 608, 611 (in *Lota molva* L., *Hippoglossus maximus* Mind).—Tasch., 1879, 246 (to Octobothrium).

*sessilis* Goto, 1894a, 212–213 (in *Chorops japonicus*; Mitsugahama, Japan).—Cerf., 1895m, 126, 140 (in Ch. jap.); 1896, 536, 547.—St.-Remy, 1898, 553–554.

*smaris* (Ijima, 1894) Goto, 1894a, 207–210, fig. 1 (syn. Octobothrium smarisi; on *Smaris vulgaris*, on caudal segment of a Cymothoa; Gulf of Naples).—Cerf., 1895m, 126, 140, 142, 143–144 (in Cymothoa sp. in buccal cavity of *Smaris vulgaris*; Gulf of Naples); 1896, 536, 547, 548, 550; 1898a, 303 (in Cymothoa on Sm. vul.).—St.-Remy, 1898, 552–553, 556.

sp. Lint., 1905, 333, 380 (in *Orthopristis chrysopterus*; Beaufort, N. C.).

*taschenbergi* Par. & Perugia, 1892, 95, pl. 2, fig. 4, pl. 3, figs. 13–14, teste St.-Remy, 1898, 555.

*tetrodonis* Goto, 1894a, 213–215, pl. 10, figs. 1–4 (in *Tetrodon* sp.; Hagi, Japan).—Cerf., 1895m, 126, 140 (in *Tetrodon* sp.); 1896, 536, 547.—St.-Remy, 1898, 554.

DICLIDOPHORINÆ Cerf., 1895f, 20–21; 1895m, 132, 142; 1896, 535–552; 1898a, 303; 1899a, 345, 370.—Mont., 1903, 336 (f. Octocotylinæ).—St.-Remy, 1898, 552.

DICLIBOTHRIUM F. S. Leuck., 1835a, 88 (m. armatum); 1836a, 764 (Diclibothrium).—Ben. & Hesse, 1864, 84.—Braun, 1890a, 518.—Burm., 1856a, 251.—Crep., 1839, 292.—Dies., 1850a, 289, 421, 425; 1858e, 315, 383 (armatum); 1859c, 443.—Goldb., 1855a, 19.—Tasch., 1879, 254, 255 (syn. of Diplobothrium Leuck.).

1836: Diclibothrium Leuck., 1836a, 764.

1836: Diklibothrium Leuck., in Kollar, 1836, 81.

1842: Diplobothrium Leuck., 1842a, 18 (armatum).

*armatum* Leuck., 1835a, 88 (in *Acipenser rostratus*); 1836a, 764; 1836, 219.—Braun, 1889a, 332.—Crep., 1839, 292.—Dies., 1850a, 421 (includes D. crassicaudatum Leuck., *Hexacotyle elegans* Nord., *Diplobothrium armatum* Leuck., *Polyst. armatum* Duj.); 1858e, 383.—Staff., 1904, May 3, 488 (to Diplobothrium; on gills of *Acipenser rubicundus*).—Tasch., 1879, 254 (to Diplobothrium).

*crassicaudatum* Leuck., in Kollar, 1836, 81 (Diklibothrium) (in *Acipenser stellatus*).—Crep., 1839a, 292.—Dies., 1850a, 421 (syn. of Diclib. armatum).—Tasch., 1879, 254 (syn. of Diplobothrium armatum Leuck.).

DICOTYLE—Stiles, 1898a, 59 (quoted from Sonsino; a larval trematode).

DICOTYLIDÆ Mont., 1903, 336 (subf. Dicotylinæ, g. Sphyrnura).

DICOTYLINÆ Mont., 1903, 336 (g. Sphyrnura).

DICRANOCÆLA Dies., 1850a, 286, 288, 293 (as tribe: "Tractus intestinalis bifurcatus"), 408.—Braun, 1893a, 892.—Goldb., 1855a, 15, 17.—Mont. 1888a, 83; 1892, Oct. 7, 196.

DICRANOCÆLI Burm., 1837, 528.—Braun, 1890a, 515.—Mont., 1888a, 83.—Tasch., 1879, 233.

DICRANOCÆLIA Dies., 1850a, 408 (subtribe I of Polycotylea, tribus III).

DICRANOPHORUS Nitzsch, 1827, 68 (contains Cerc. catellina, C. lupus, C. vermicularis, C. forcipata, ? C. catellus).

(DICROCELIUM) Stiles & Hass., 1894e, 413, misprint for (Dicrocœlium).

DICROCELIINÆ Looss, 1899b, Dec., 635; 1902, 839.—Hollack, Johanne, 1902a, 867 869 (amphitypie); 1903a, 536; 1905, July, 53–54.—Odhn., 1902, 40. Pratt, 1902a, 889, 904 (key), includes Dicrocœlium, Lypersosomum, Athesmia, related genera Eumegacetes, Anchitrema.—Ward, 1903, 863.

- (**DICROCELIUM**) Duj., 1845a, 391-401 (old. lanceolatum = lanceatum), subg. of Dist. See *Dicrocoelium*.
- albicollis* (Rud., 1819) Duj., 1845a, 387, 393 (as variety of *D. (D.) attenuatum*; in *Falco pennatus*). See *Dicrocoelium*.
- albidum* Braun, 1893e, 353.
- arrectum* (Duj., 1845) Stoss., 1895, 225-226, 236.
- ascidia* (Ben., 1873) Stoss., 1892, 21, 39, 40.
- assula* Duj., 1845a, 387, 398 (in *Coluber natrix*; Toulouse).
- atomon* (Rud., 1802) Stoss., 1886, 57.
- attenuatum* Duj., 1845a, 387, 392-393 (in *Turdus merula*; Rennes) [not attenuatum Rud., 1814]. See *Dicrocoelium*.
- bacillare* (Mol., 1859) Stoss., 1886, 58.—Looss, 1899b, 571 (as described by Stoss., would belong to *Creadiinae*, possibly to *Creadium*).
- boscai* (Cobbold, 1859) Stoss., 1895, 226.
- buski* (Lankester, 1857) Rail., 1893a, 363-364, fig. 243. See *Dicrocoelium*.
- calceolus* (Mol., 1858) Stoss., 1886, 63.
- chilotomum* (Mehlis, 1831) Stoss., 1892, 20-21, 39, 40.
- choledochum* (Linst., 1883) Stoss., 1892, 161.
- clathratum* (Deslongchamps, 1824) Duj., 1845a, 393-394 (as var. of *D. (D.) attenuatum*). See *Dicrocoelium*.
- clavigerum* (Rud., 1819) Stoss., 1889, 64-65.
- cælomiticum* (Giard & Billet, 1892) Rail., 1893a, 360. See *Dicrocoelium*.
- commune* (Olss., 1867) Stoss., 1886, 58.
- complanatum* (Rud., 1814) Duj., 1845a, 399-400 (believes it identical with *D. (D.) hians*).
- complexum* Stiles & Hass., 1894e, June, 425-426, pl. 1, figs. 1-3 (in *Felis catus dom.*; U. S. A.), 1894.
- concarum* (Crep., 1825) Stoss., 1892, 158-159, 188, 189.
- conus* (Crep., 1825) Stoss., 1892, 24-25, 39, 40.—Stiles & Hass., 1896a, 156 (to *Opisthorchis*).
- crassicolle* (Rud., 1809) Stoss., 1889, 63-64.
- crassum* (Sieb., 1836) Stoss., 1892, 156-157, 192.
- cygnoides* (Zed., 1800) Duj., 1845a, 396-397.—Stoss., 1898, 31 (to *Pleorchis*).
- cylindraceum* (Zed., 1800) Duj., 1845a, 386, 395-396.—E. Bl., 1847, 295 (to *Brachylemus*).—Looss, 1899b, 600 (type of *Haplometra*).
- dendriticum* (Rud., 1819) —, 1896. See *Dicrocoelium*.
- endolobum* Duj., 1845a, 386, 397 (in "Grenouilles vertes et rousses, et de la Salamandre;" Rennes).—Looss, 1899b, 589 (type of *Opisthioglyphe*).
- ercolanii* (Mont., 1893) Stoss., 1895, 223-224, 234.—Looss, 1899b, 567 (probably identical with *Telorchis linstowii*).
- erinaceum* (Poir., 1886) Stoss., 1892, 22, 37.—Looss, 1899b, 570 (probably an *Astia*).
- eury stomum* (Linst., 1877) Stoss., 1892, 159-160, 189.
- felinum* (Rivolta, 1884) Rail., 1893a, 361. See *Dicrocoelium*.
- fasciatum* (Rud., 1819) Stoss., 1886, 59.—Barbagallo & Drago, 1903, 410 (in *Crenilabrus cœruleus*, *Serranus scriba*; Catania).—Looss, 1899b, 571 (as described by Stoss., this belongs to *Creadiinae*, possibly to *Creadium*).
- flexuosum* (Rud., 1809) Duj., 1845a, 386, 398-399.—Type of *Omphalometra* 1899.
- furcigerum* (Olss., 1868) Stoss., 1886, 58.
- fuscum* (Rud., 1819) —? —, date?
- fuscescens* (Rud., 1819) Stoss., 1886, 59.
- gelatinosum* (Rud., 1819) Stoss., 1895, 226-227, 236, 237.—Looss, 1899b, 567-568.
- globiporum* (Rud., 1802) Stoss., 1886, 59.
- gobii* (Stoss., 1883) Stoss., 1886, 58; 1892.
- heterostomum* (Rud., 1809) Duj., 1845a, 400 (thinks it identical with *hians*).—Braun, 1899, 1 (to *Dicrocoelium*); 1899, 487 (to *Clinost.*). See *Dicrocoelium*.
- hians* (Rud., 1809) Duj., 1845a, 399.—Looss, 1899b, 563 (type of *Cathæmasia*).
- horridum* (Leidy, 1850) Stoss., 1895, 220, 234. See *Plagiorchis*.

## (DICROCELIIUM)—Continued.

- labracis* Duj., 1845a, 386, 398 (in *Labrax lupus*; Rennes).—Ben., 1870, 45 (to Echinoet.). See *Dicrocelium*.
- labri* (Stoss., 1886) Stoss., 1886, 60.
- lancea* (Dies., 1850) Stoss., 1892, 26–27, 37.
- lanceolatum* (Rud., 1803) Duj., 1845a, 386, 391–392 [not Schrank, 1790]. See *Dicrocelium lanceatum*.
- lingua* (Crep., 1825) Stoss., 1892, 158, 190.—Looss, 1899b, 586 (type of *Tocotrema*).
- linstowi* (Stoss., 1890) Stoss., 1895, 224–225, 237.—Looss, 1899b, 566 (to *Telorchis*).
- longissimum* (Linst., 1883) Stoss., 1892, 161, 191.—Stiles & Hass., 1896c, 155 (to *Opisthorchis*).
- longissimum* (Poir., 1886) Stoss., 1892, 25–26, 37.
- lucipetum* (Rud., 1819) Duj., 1845a, 386, 400–401.—Looss, 1899b, 587 (to *Philophthalmus*).
- macrourum* (Rud., 1819) Baird, 1853a, 50.—Par., 1899 (to *Dicrocelium*); 1902, 4 (in *Sturnus vulgaris*, *Turdus musicus*; Elba). See *Dicrocelium*.
- mutabile* (Mol., 1895) Stoss., 1895, 224, 236. See *Dicrocelium*.
- naia* (Rud., 1819) Duj., 1845a, 387, for *naja*.
- naja* (Rud., 1819) Duj., 1845a, 395.—Looss, 1899b, 604 (type of *Macrodera*).
- neglectum* (Linst., 1887) Stoss., 1889, 65.—Looss, 1899b, 617 (= *Pleurogens claviger*).
- nigrovenosum* (Bellingham, 1844) Stoss., 1895, 222–223, 234.—Luehe, 1899, 535 (thinks *D. nigrovenosum* belongs to *Lecithodendrium*).
- oratum* (Rud., 1803) Duj., 1845a, 388, 394–395.—Stoss., 1892, 144 (to *Cephalogonimus*).—Type of *Prosthogonimus* 1899 and *Prymnoprion* 1899.
- pallasii* (Poir., 1885) Stoss., 1892, 27, 37.
- pallens* (Rud., 1819) Stoss., 1886, 59.
- pellucidum* (Linst., 1873) Stoss., 1892, 157, 192.—Looss, 1899b, 629 (to *Prymnoprion*).
- poirieri* Stoss., 1895, 227, 237.—Looss, 1899b (to *Telorchis*).
- pulchellum* (Rud., 1819) Barbagallo & Drago, 1903, 410 (in *Gobius jazo*; Catania).
- rathouisi* (Poir., 1887) Stoss., 1892, 27–28, 40.
- reflexum* (Crep., 1825) Stoss., 1886, 57.
- retusum* (Duj., 1845) Stoss., 1886, 63.
- sauromates* (Poir., 1886) Stoss., 1895, 220–221, 235.
- scorpæna* (Rud., 1819) Stoss., 1886, 59.—Par., 1899, 5 (to *Dicrocelium*). See *Dicrocelium*.
- simplex* (Rud., 1809) Stoss., 1886, 58.
- singulare* (Mol., 1861) Stoss., 1892, 162, 191.—Looss, 1899b, 596 (type of *Stomylus*).
- spatula* Duj., 1845a, 386, 394 (in *Accentor modularis*; Rennes).
- spinosum* (Linst., 1880) Stoss., 1892, 162, 193.—Luehe, 1899, 531 (perhaps syn. with *Dist. cirratum*).
- squamula* (Rud., 1819) Stoss., 1892, 20, 39.—Type of *Eurysoma*.
- verrucosum* (Mol., 1859) Stoss., 1900, 59. Homonym.
- vitellilobum* (Ols., 1876) Stoss., 1889, 67.—Looss, 1899b, 606–607.
- viverrini* (Poir., 1886) Stoss., 1892, 24, 39.—Stiles & Hass., 1896, 155 (to *Opisthorchis*).

**DICROCELIIUM** (Duj., 1845) E. Bl., 1847, 291 (tld. *lanceatum*).—R. Bl., 1891, 609, 610; 1895, 730.—Braun, 1892a, 643; 1893a, 885, 909, 910; 1893, 353, 354; 1893f, 388; 1901a, 34; 1901, 562, 563, 565; 1901h, Nov. (n. sp. in *Zibethkatze*), 700, 701, 702; 1902, 17 June, 356; 1902b, 97, 100, 102; 1903, 166; 1906, 173–174.—Cohn, 1903, 37.—Darr, 1902, 698.—Gomy, 1897a, 374.—Hausmann, 1897b, 29.—Hollack, 1902a, 867–869.—Hoyle, 1890, 540.—Klein, 1905, 20; 1905, 78.—Leuck., 1863a, 586.—Looss, 1899b, 535, 610, 632–635, 648, 650, 721.—Luehe, 1899, 530, 533; 1900, 490; 1901, 173.—Mont., 1888a, 92, 105; 1893, 150; 1896, 168.—Pratt, 1902a, 889, 904 (key).—Rail., 1900, 212; 1900, 239–242 (of birds); 1900, 514.—Rail. & Marotel, 1898, 33, 37, 38.—Sons., 1889, 276.—Stiles, 1898a, 22, 55; 1901, 193, 197.—Stiles & Hass., 1898a, 87 (*lanceatum* designated type), 97.—Stoss., 1892, 20; 1898, 41.—Ward, 1903, 871.

## DICTYOCÆLIUM—Continued.

- albicollis* (Rud., 1819) Braun, 1901, 562; 1902b, 99–101, fig. 58 (includes *macrourum* Stoss., 1892, *longicauda* p. p. Muehling, 1890), in *Aquila pennata*; Vienna.
- attenuatum* (Duj., 1845) Rail., 1900, 241 (in *Turdus merula*).
- buski* R. Bl., 1888a, 622, for *buskii*.—Stiles, 1904i, 41.—Ward, 1895, 328 (in *Homo*).
- buskii* (Lankester, 1857) Weinland, 1858, 87; 1859, 281.—Cobbald, 1866, 6; 1876, 303; 1879, 20.—Stiles, 1904i.
- clathratum* (Deslongchamps, 1824) Looss, 1899b, 634.—Braun, 1902b, 100, 101.—Rail., 1900, 239.
- cæломaticum* (Giard & Billet, 1892) Rail., 1896, 160.—Gomy, 1897a, 374, 375.
- concinnum* Braun, 1901, 700–702, 1 fig. (in *Viverra zibetha*).—Hollack, 1902a, 869.
- deflectens* (Rud., 1819), 1901h, 702; Braun, [1901, 563]; 1902b, 101–102, fig. 59 (in *Thryothorus hypoxanthus*; Brazil).
- delectans* Braun, 1901g, 945–946 (in *Myiothera ruficeps*; Brazil); 1901h, 702; 1902b, 102–103, fig. 60.
- dendriticum* (Rud., 1819) Looss, 1899b, 634.—Braun, 1901h, 702.
- felineum* (Rivolta, 1884) Moniez, 1896, 136.—Type of *Opisthorchis*.
- heterophyes* (Sieb., 1852) Weinl.; 1858, 86; 1859, 281.—R. Bl., 1888a, 625.—Cobbald, 1866, 6.—Ward, 1895, 328.—Type of *Heterophyes*.
- heterostomum* (Rud., 1809) Braun, 1899, 1; 1900h, 19, 30.
- hospes* Looss, 1907, Mar. 5, 478–479, fig. 1 (in cattle from Soudan, in Cairo, Egypt).
- illiciens* Braun, 1901g, 944–945 (in *Rhamphastus* sp., *Pipra rupricola*; Brazil); 1901h, 702; 1902b, 102, 103, 104, 105–106, fig. 6.
- labracis* (Duj., 1845) Par., 1899, 5; 1902, 4 (syn. *D. verrucosum* Mol.) (in *Labrax lupus*; Elba).
- lanceatum* Stiles & Hass., 1896c, 158 (*lanceolata* Rud., 1803, not Schrank, 1790, renamed); 1898a, 87, 97 (type).—R. Bl., 1900, 488; 1901b, 204, 207, 209, 210; 1901c, 581 (in sheep), 584, 586, 587.—Bossuat, 1902, 188, 189.—Braun, 1901h, 702; 1903, 166–168, figs. 115–117; 1906, 174–176, figs. 106–108 (in *Limax*, *Arion*, sheep, ox, goat, ass, horse, deer, hare rabbit, pig, man; Egypt, Siberia, Turkestan, North and South America).—Gomy, 1897a, 374.—Hollack, 1902a, 868.—Kamensky, 1902, 57–62 (in dogs).—Looss, 1899b, 633, 634, 635; 1905, 88 (rare in man); 1907, Feb. 1, 125, 126, 132, 134; 1907, Mar. 5, 479.—Rail., 1899, 345.—Rail. & Marotel, 1898, 33, 38.—Stiles, 1898a, 23, 55, 56, 137, 138, 139, 140, 141, 142, 143, figs. 36, 38; 1901, 193; 1902, 25, 28, 29, 33, 34; 1902, 204; 1903, 8, 84; 1904, Aug. 9, 12, 13, 29, 30, figs. 39–41.—Stoss., 1901, 97 (in *Lepus timidus*; Trieste).—Ward, 1903, 407; 1903, 864, 866, 869, 871 (description).
- lanceolatum* (Rud., 1803) Weinl., 1858, 86; 1859, 280.—R. Bl., 1888a, 602, 626; 1895, 734.—Braun, 1903, 166.—Engler, 1904, 186.—Galli-Valerio, 1898c, 7, 8; 1901c, 364 (mouton, cheval).—Kamensky, 1902a, 57–62 (in dog), 63–64.—Luehe, 1901, 172, 173; 1901, 487.—Stiles, 1898a, 55.
- lobatum* Rail., 1900, 241–242 (in *Accipiter nisus*).—Braun, 1901, 565; 1902b, 109, 110, 111 (to *Lyperosomum*).
- longicauda* (Rud., 1809) Looss, 1899, 634.—Braun, 1902b, 106, 107 (to *Lyperosomum*).—Rail., 1900, 240, 241.
- lubens* Braun, 1901g, 945 (in *Pipra rupricola*); 1901h, 702; 1902b, 102, 103, fig. 63 (*Pipra rupricola*).
- macrourum* (Rud., 1819) Par., 1899, 4.
- mutabile* (Mol., 1859) Braun, 1901, 702.
- oculi humani* (Gescheidt, 1833) Weinland, 1858, 86; 1859, 281.—R. Bl., 1888a, 630.—Stiles, 1902s, 29, 34.—Ward, 1895, 328 (in *Homo*).
- olssoni* Rail., 1900, 239 (*Apus apus*) “Dist. *clathratum* [Deslongchamps] of Olss. et Mueh.” renamed.—Braun, 1902b, 109.
- pancreaticum* (Rail., 1890) Rail., 1897, 371–377, 1 fig.—Braun, 1901h, 702.—Gomy, 1897a.—Looss, 1899b, 634; 1907, Feb. 1, 128, 132 (of Rail. & Marotel, 1898, syn. of *Eurytrema cæломaticum*).—Stiles, 1898a, 23, 55, 56, 57, 140, fig. 40.
- panpuriforme* Rail., 1900, 240–241 (in *Pica pica*).—Braun, 1902b, 109.



## DICROCELIUM—Continued.

*petiolatum* Rail., 1900, 241 (in *Garrulus glandarius*).—Braun, 1901, 946; 1901h, 702; 1902b, 98, 99, 109, fig. 57.

*plexiostomum* (Linst., 1883) Looss, 1899b, 634.

*refertum* (Mueh., 1898) Looss, 1899b, 634.

*reficiens* Braun, 1901g, 945 (in *Falco nitidus*); 1901h, 702; 1902b, 98, 103, fig. 62.

*scorpææ* (Rud., 1819) Par., 1899, 5; 1902, 5 (in *Scorpæna scrofa*; Elba).

*sinense* (Cobbold, 1875) Moniez, 1896, 125.

*strigosum* Looss, 1899b, Dec., 634, 635, 727–728, fig. 47 (in *Merops apiaster* L. & Gm.; Marg).—Braun, 1902b, 109.

*voluptarium* Braun, 1901g, 945 (in *Falco* sp.); 1901h, 702; 1902b, 102, 103.

DICROGASTER Looss, 1902h, 134 (tod. *perpusillus*) (subf. *Haploporinæ*).

*contractus* Looss, 1902h, 136, figs. 3–4 (in *Mugil chelo*).

*perpusillus* Looss, 1902h, 134, 135–136, figs. 1–2 (in *Mugil chelo*).

DIDYMOCISTIS Ariola, 1902, 105, for *Didymocystis*.DIDYMOCYSTIS Ariola, 1902, 101–103 (tod. *reniformis*) fam. *Didymozoonidæ*.

*reniformis* Ariola, 1902, 101–103, 104, 107, figs. 1–3 (in *Thynnus vulgaris*; Naples) (includes *Monost. bipartitum* 2d form Wagener, 254, pl. 9, fig. 2, and *Didymozoon thynni* Tasch., 1879, 612).

*wedli* Ariola, 1902, 105–107, figs. 7–10 (in *Thynnus vulgaris*; Naples; Th. vul. and Th. tunnina from Gulf of Genoa) (includes *Monost. bipartitum* 3d form Wagener, pl. 9, figs. 5–8, and *Didymozoon thynni partim* Braun, Vermes IV, pl. 26, fig. 6d.).

DIDYMOSTOMA Ariola, 1902, 103–105 (evidently m. *bipartitum*), *Didymozoonidæ*.—This genus falls as syn. of *Wedlia* 1860.

*bipartitum* (Wedl, 1855) Ariola, 1902, 103–105, figs. 4–6 (includes *Monost. bipartitum* Wedl partim, *Didymozoon thynni partim*, *Monost. micropterygis Richiardi*) (in *Thynnus vulgaris*; Naples).

*micropterygis* (Richiardi, 1901) Ariola, 1902, 105. See also under syn. of *bipartitum*.

DIDYMOZOON Tasch., 1878, 716 (no sp. mentioned); 1879, 72; 1879, 605–617 (*Wedlia* re-named, hence type *thynni* = *bipartitum*), pl. 6, figs. 1–5; *διδυμοζων, ζῶον*.—Ariola, 1902, 25 July, 99–108, figs. 1–11; 1903, 14 Aug., 533; 1905, July, 61.—Braun, 1883, 42, 57; 1891d, 424; 1892a, 569, 574, 577, 660, 696, 698, 699, 700, 704, 707, 711, 727, 734; 1893a, 878, 879, 886, 890, 894, 895, 913, 918; 1895, 126, 136.—Hoyle, 1890, 539.—Jackson, 1888, 654.—Looss, 1892a, 81; 1899b, 542.—Maclaren, 1904b, 602, 612.—Moniez, 1891, 186, 187.—Mont., 1888a, 9, 11, 15, 18, 34, 52, 53, 57, 92, 93, 106; 1892, Oct. 7, 214 (g. of *Didymozoonidæ*); 1892, 689, 690, 693, 713, 716; 1893, 24, 27, 137, 149, 150.—Par. & Perugia, 1893, 2, 3.—Poche, 1907, 125.—Pratt, 1902a, 890, 908 (key).—Richiardi, 1902–3, 4–5 (n. sp.).—Schneidemuehl, 1896, 295.—Stoss., 1898, 62.

*auxis* Tasch., 1879, 613, pl. 6, figs. 1, 3 (in *Auxis rochei*; Naples).—Braun, 1883, 41, 57; 1892a, 574; 1893a, 913.—Par., 1894, 169.—Par. & Perugia, 1890, 10; 1893, 2 (in *A. rochei*).

*benedinii* Mont., 1893, 137 (in *Orthagoriscus*).—Maclaren, 1904, 602.

*exocæti* Par. & Perugia, 1893, 1–4 (in *Exocætus volitans*; Genova) (syn. *Monost. filum* Wagener not Duj.).—Par., 1902, 7 (in *E. vol.*).

*filicollæ* Mont., 1893, 150.

*lampridis* Lœnnb., 1891, 73–75, pl. 2, fig. 9 (in *Lampris guttatus*; Kristiania Museum).—Braun, 1891d, 424; 1893a, 914.

*micropterygis* Richiardi, 1902, 4–5 (in *Micropteryx dumerilii* Cuv.).

*pelamydis* Tasch., 1879, 612, 614, 615, 616, pl. 6, figs. ii, v (in *Pelamys sarda*; Naples).—Braun, 1883a, 41; 1893a, 913.—Moniez, 1891, 186.—Par., 1894, 169; 1902, 7 (in *P. s.*).—Par. & Perugia, 1890, 10; 1893, 2 (in *Pelamys sarda*).

*pretiosus* Ariola, 1902, 107–108, fig. 11 (in *Thynnus vulgaris*).

*scombri* Tasch., 1879, 612, 615, 616, pl. 6, fig. iv (in *Scomber colias*; Naples).—Braun, 1892a, 734; 1893a, 913.—Mont., 1890, 427.—Par. & Perugia, 1890, 10; 1893, 2 (in *Scomber scomber*).—Stoss., 1890, 50; 1898, 63.

*serrani* Mont., 1889, 322–323, pl. 33, fig. 6 (in *Serranus fimbriatus* at Madeira and *S. gigas* at Naples).—Braun, 1893a, 914.—Par. & Perugia, 1893, 2 (in *Serranus gigas*).

*species* Par. & Perugia, 1890, 10.

## DIDYMOZOON—Continued.

*sphyræna* Tasch., 1879, 612, 614, 615 (in *Sphyræna vulgaris*; Naples).—Barbagallo & Drago, 1903, 411 (in *Sphyræna vulgaris*; Catania).—Brand., 1891d, 18.—Braun, 1893a, 913.—Maclaren, 1904b, 608.—Mont., 1888a, 7, 17; 1892, 716.—Par., 1894, 169; 1899, 7; 1902, 7 (in *S. vul.*).—Par. & Perugia, 1890, 10; 1893, 2 (in *Sphyræna vulgaris*).

*tænioides* Mont., 1888a, 93 (in *Orthagoriscus mola*); 1893, 137.—Maclaren, 1904b, 602.—Stoss., 1900, 8, figs. 10–11 (in *Or. mola*; Trieste).

*thynni* Tasch., 1879, 612, 613, 614, 615, 616 (syn. Monost. bipartitum Wedl [type of Wedlia 1860]) (in *Thynnus vulgaris*).—Ariola, 1902, 100, 101 (of Tasch. syn. of *Didymocystis reniformis* Ariola), 103 (of Braun's Vermes, figs. 6–7, syn. of *Didymostoma bipartitum*), 105 (of Braun's Vermes, pl. 26, fig. 6d, syn. of *Didymocystis wedli* Ariola).—Barbagallo & Drago, 1903, 411 (in *Thynnus vulgaris*; Tonnara di Sa. Panagia).—Braun, 1883, 57; 1892a, 660, 734; 1893a, 914.—Gamb., 1896a, 71.—Moniez, 1891, 186.—Par., 1894, 169.—Par. & Perugia, 1889, 746–747 (syn. Monost. bipartitum Wedl.) (in *Thynnus thunnina*); 1890, 746–747; 1890, 9–10; 1893, 2.—Stoss., 1898, 62–63.

**DIDYMOZOONIDÆ** Mont., 1888a, 17, 18, 23, 52, 93, 106; 1892, 7 Oct., 214 (f. of suborder Malacocotylea); 1892, 689; 1893, 12.—Ariola, 1902, 101.—Brand., 1892, 505.—Braun, 1893a, 887, 890, 895, 900, 913; 1895, 136.—Looss, 1899b, 541, 543, 659.—Luehe, 1901, 488.—Maclaren, 1904b, 603, 612.—Par. & Perugia, 1890, 9.—Poche, 1907, 125.—Pratt, 1902a, 890, 908 (key), includes *Didymozoon*, *Nematobothrium*.—Schneidemuehl, 1896, 295.—Stoss., 1898, 62.

**DIDYMOZOONTIDÆ** Gamb., 1896a, 73.

**DIGENA** Olsson, 1893, for *Digenea*.

**DIGENEA** Ben., 1858, see Braun, 1883, 38, 58; 1890a, 473, 486; 1892a, 567, 574, 601, 775; 1893a, 888, 891, 895, 898; 1895, 136.—Carus, 1863, 478.—Gamb., 1896a, 73.—Hahn & Lefèvre, 1884, 804.—Hoyle, 1890, 539 (includes Monostomidæ, Distomidæ, Gastërostomidæ, Holostomidæ).—Kholodk., 1899a, 149.—Knoch, 1894a, 11.—Kofoid, 1899, 183.—Looss, 1899, 543.—Odhn., 1902, 42, 43; 1905, 293–295.—Pratt, 1900a, 645, 646.—Stiles, 1898a, 27.—Ward, 1903, 865.

1893: *Digena* Olss., 1893, for *Digenea*.

**DIGENEA** s. strict. Leuck., see Looss, 1899b, 543.—Luehe, 1901, 488.

**DIHEMISTEPHANUS** Looss, 1901, 605–606, 628–629 (m. lydiæ).—Pratt, 1902a, 888, 894 (key).

*lydiæ* (Stoss., 1896) Looss, 1901, 605–606, 628–629.

**DIKLIBOTHRIUM** Leuck. in Kollar, 1836, 81.—Nord., 1840, 600, for *Diclybothrium*.  
*crassicaudatum* Leuck. in Kollar, 1836, 81.—Nord., 1840, 600 (syn. of *Hexacotyle elegans*).

**DIONCHUS** Goto, 1899a, 286 (m. *agassizi*), 291; 1901, 351–352.—Mont., 1903, 336 (*Anisocotylinae*, subf.); 1905, 70.—Pratt, 1900a, 646, 650 (key), 655, 659, fig. 18.

*agassizi* Goto, 1899a, 286–291, pl. 21, figs. 19–24 (in *Remora brachyptera*; Newport, R. I.).—Pratt, 1900a, 655, 657, fig. 18, 659 (key).

*agassizii* Mont., 1905, 69, for *agassizi*.

**DIOSTOMUM** Duffek, 1903, 843 (misprint for *Distomum*).

**DIPHTEROSTOMINÆ** Stoss., 1904, 198.

**DIPHTEROSTOMUM** Stoss., 1904, 197–198 (tod. *brusinai* = *brusinæ*).

1905: *Diphtherostomum* Staff., 1905, Apr. 11, 684.

*brusinæ* (Stoss., 1889) Staff., 1905, Apr. 11, 684.

*brusinai* (Looss, 1901) Stoss., 1904, 197–198.

*luteum* (Ben., 1870) Stoss., 1904, 197 [name not available].—Staff., 1905, Apr. 11 (syn. *D. betencourti* Mont.).

**DIPHTEROSTOMUM** Staff., 1905, Apr. 11, 684, for *Diphtherostomum*.

**DIPLECTANINÆ** Mont., 1903, 336 (f. *Gyrodactylidæ*); 1905, 80.

**DIPLECTANUM** Dies., 1858e, 315, 381–382 (*æquans* [probably type], *pedatum*).—Ben. & Hesse, 1864, 121, 122.—Braun, 1883, 48; 1890a, 412, 416, 452, 465, 469, 478, 479, 512, 517, 523, 542, 546; 1893a, 890.—Gamb., 1896a, 73.—Hoyle, 1890, 539.—Maclaren, 1904b, 574, 582, 583, 584, 589, 590, 595, 596, 597, 598, 599, 600, 601.—Mont., 1888a, 10, 14, 16, 66, 84, 86, 102; 1891, 111; 1892, Oct. 7, 213 (g. of *Gyrodactylinae*); 1903, 336 (subf. *Diplectaninae*); 1905,

## DIPLECTANUM—Continued.

80.—Pratt, 1900a, 646, 654 (key), 657, fig. 45.—St.-Remy, 1898, 568.—Stoss., 1898, 18.—Tasch., 1879, 69; 1879, 264 (syn. *Dactylogyrus* Wagener).

*aequans* Sons., 1891, 263 (for *aequans*).

*aculeatum* Par. & Perugia, 1889, 745 (in *Corvina nigra*; Genova); 1890, 745; 1890, 4, 9.—Braun, 1890a, 417, 546, 549, 550.—Maclaren, 1904b, 576–577, 593, 601.—Par., 1894.

*æquans* (Wagener, 1857) Dies., 1858e, 381 (in *Labrax lupus*).—Ben. & Hesse, 1864, 121, 122–123, pl. 13, figs. 9–22 (in *Lab. lup.*).—Braun, 1890a, 408, 409, 417, 468, 479, 489, 514, 546, 549, 551; 1891d, 422.—Kerbert, 1881a, 572.—Maclaren, 1904b, 573, 574–602, pl. 20, figs. 1–12, pl. 21, figs. 13–16, 18, 20, 22, text figs. A. C. 1–5; 1904, 9 June, 443–444; 1905, 31 Jan., 20–21; 1905, June, 317; 1905, Dec., 703.—Mont., 1888a, 7, 8, 10, 13, 14.—Par. & Perugia, 1890, 4, 9; 11.—St.-Remy, 1898, 568.—Scott, 1905, 117, pl. 6, fig. 24 (in *Lab. lup.*).—Sons., 1890, 173–174 (in *Umbina cirrosa*); 1891, 263 (*aequans*), 264 (in *Umb. cirr-rhosa*).—Stoss., 1885, 162; 1898, 18.—Tasch., 1879, 59; 1879, 264 (in *Lab. lup.*).

*echeneis* (Wagener, 1857) Par. & Perugia, 1889, 746 (in *Sargus rondeletii*; Genova); 1890, 746; 1890, 4, 9; 1895, 1.—Braun, 1890a, 417, 546, 549, 552.—Maclaren, 1904b, 576, 577–578, 601.—Par., 1894, 594.—Stoss., 1898, 18.—Also reported for *Chrysophrys aurata*.

*pedatum* (Wagener, 1857) Dies., 1858e, 382 (in *Julis* sp. ad branchias).—Braun, 1890a, 546, 549, 551.—Maclaren, 1904b, 574, 575, 601.—Par. & Perugia, 1890, 9.—Tasch., 1879, 264 (in *Julis* sp.).

*sciænæ* Ben. & Hesse, 1863; 1864, 123–124, pl. 13, figs. 23–31 (in *Sciæna aquila*).—Braun, 1890a, 417, 546, 549, 552.—Maclaren, 1904b, 575, 601.—Mont., 1888a, 7, 4.—Pratt, 1900a, 657, fig. 45.—Sons., 1891, 263–264 (in *Sci. umbra*).—Tasch., 1879, 264 (in *Sci. aq.*).

*sciænæ* Ben. & Hesse, 1864, 123, misprint.

DIPLOBOTHRINÆ Mont., 1903, 336 (f. *Hexacotylidæ*); 1905, 78.

DIPLOBOTHRUM Leuck., 1842, 13 *Diclibothrium* renamed, hence (type by inclusion *armatum*) [not *Diplobothrium* Beneden, 1889, cestode].—Braun, 1889a, 338 (= *Diclibothrium*); 1890a, 413, 415, 511, 516, 517, 518, 523, 538, 539, 546; 1893a, 890.—Dies., 1850a, 421 (syn. of *Diclibothrium*).—Hoyle, 1890, 539 (“one species from the gills of a sturgeon”).—Mont., 1888a, 8, 11, 13, 89, 100; 1892, Oct. 7, 213 (g. of *Polystominae*); 1903, 336 (subf. *Diplobothrinae*); 1905, 77, 78.—Pratt, 1900a, 646, 651 (key), 656, fig. 25.—Tasch., 1879, 69; 1879, 254 (syns. *Diclibothrium* Leuck., *Hexacotyle* Nord., *Polyst. Duj.*).

[*affine* Lænnberg, 1892, cestode.]

*armatum* (Leuck., 1835) Leuck., 1842, 13–18, pl. 1, figs. 6a–f.—Braun, 1890a, 414, 419, 539, 548, 550.—Dies., 1850a, 421 (to *Diclibothrium*).—Pratt, 1900a, 656, 657, fig. 25.—Staff., 1904, 3 May, 488 (on gills of *Accipenser rubicundus*; Canada).—Tasch., 1879, 254–255 (syns. *Diclibothrium crassicaudatum* Leuck., *D. armatum* Leuck., *Hexacotyle elegans* Nord., *Polyst. armatum* Duj.).—Reported also for *Accipenser stellatus*.

[*simile* Ben., 1889, cestode.]

DIPLOCOTYLE Dies., 1850a, 286, 301 (m. *mutabile*); syn. *Diplodiscus* [not *Diplocotyle* Krabbe, 1874, cestode]; 1855a, 378, 381, 393, 394; 1858d, 272.—Ariola, 1901, 412.—Burm., 1856a, 250.—Fil., 1854a, 6.—Goldb., 1855, 16.—Moul., 1856a, 121, 123.

[*cohærens* Linst., 1903, cestode.]

*mutabile* Dies., 1850a, 301 (in *Planorbis nitidus*; Ticini) (*Diplodiscus diesingii* Fil., renamed); 1855a, 394; 1858d, 241, 242, 272–273 (*mutabilis*) (syns. *Diplodiscus diesingii*, *Cerc. diplocotylea* Pag.) (larva of *Diplodiscus subclavatus*) (in *Planorbis marginatus*, *P. nitidus*, *P. vortex*; Heidelberg, Ticini, Moncalier).—Ben., 1858a, 1861a, 82 (syn. of *Amphist. subclavatus*).—Linst., 1873, 1 (larva of *Diplodiscus subclavatus* Dies.) (*mutabilis*).—Moul., 1856a, 107 (= *Diplodiscus diesingii*), 208 (syn. of *Cerc. amphistomi subclavati*).

*mutabilis* Dies., 1855a, 394 (for *mutabile*).

[*olrikii* Krabbe, 1874b, 22, cestode.]

[*rudolphii* (Mont., 1890) Mont., 1890, cestode.]

[*serrata* Linst., 1901, cestode.]

DIPLODISCINÆ Cohn, 1904, 242.

**DIPLODISCUS** Dies., 1836d, 237, 238, 253–255 [type *subclavatus*]; 1850a, 287, 301 (of Fil., syn. of *Diplocotyle*), 318–319 (syns. *Planaria*, Fasc., Dist., *Hirudo*, *Amphist.*); 1855a, 380, 384, 393 (cf. *Diplocotyle*); 1858e, 312, 359; 1859c, 435–436 (mentions only *subclavatus*, but reference is not necessarily designation of type).—Brand., 1888a, 12.—Braun, 1892a, 613, 650, 663, 664, 665, 698, 712, 715, 814; 1893a, 817, 820, 823, 827, 872, 884, 886, 890, 894, 895, 904, 906, 918; 1895, 136.—Cobbald, 1872b, 91 (subg. of *Amphist.*).—Cohn, 1904, 242.—Crep., 1839a, 286.—Fil., 1837a, 334 (mentions only *diesingi*); 1855b, 24.—Fischder., 1902a, 6; 1903h, 487, 489.—Gamb., 1896a, 73.—Goldb., 1855a, 17.—Looss, 1902m, 440, 442.—Mont., 1888a, 7, 12, 35, 84, 91, 103; 1892, Oct. 7, 214 (g. of *Amphistominae*).—Moul., 1856a, 16, 121.—Nord., 1840, 629.—Piana & Stazzi, 1900, 523.—Poir., 1883, 79.—Pratt, 1902a, 887, 893 (key).—Schneidemuehl, 1896, 295 (*Diplodiskus*).—Sieb., 1854, 19, 20.—Sons., 1895, 185, 186.—Wagener, 1857, 27, 39, 45. pl. 16, fig. 4, pl. 17, fig. 2, pl. 18, figs. 1–4, pl. 19, figs. 1–4.

1850: *Diplocotyle* Dies., 1850a, 286, 301 (m. *mutabile*=*subclavatum*) [not Krabbe, 1874, *cestode*].

1896: *Diplodiskus* Schneidemuehl, 1896, 295 (for *Diplodiscus*).

*conicum* Polonio, 1859; 1860, see Par., 1894, 140 (in *Natrix torquata*; Padova). [See also Dist. *conicum* Polonio.]

*diesingi* Fil., 1837a, 334–336, figs. 1–5, 337 (in *Planorbis nitidus*; Ticino).—Dies., 1850a, 301 (syn. of *Diplocotyle mutabile*; type of *Diplocotyle*).

*diesingii* Fil., 1854a, 6, pl. 1, figs. 1–4 [type of *Diplocotyle*] (in *Planorbis nitidus*) for *diesingi*; 1855b, 14, 20, 22, 23.—Ben., 1858a, 1861a, 81, 82 (syn. of *Amphist. subclavatum*).—Dies., 1855a, 394 (syn. of *Diplocotyle mutabilis*); 1858d, 272 (syn. of *Diplocotyle mut.*).—Levin., 1881a, 63.—Moul., 1856a, 95 (to *Cerc.*) (syn. *Redia gracilis* Fil.), 106, 107, 208, 209 (syn. of *Cerc. amphistomi subclavati*).—Villot, 1878, 36 (syn. of *Cerc. diplocotylea* Dies.).

*mutabilis* (Dies., 1850) Par., 1894, 140 to (*Diplocotyle*) (in *Planorbis nitidus*; Pavia).

*subclavatus* (Pallas, 1760) Dies., 1836d, 238, 240, 253–254, pl. 24, figs. 19–24 (in *Hyla arborea*, *Rana temporaria*, *R. esculenta*, *Bufo cinereus*, *B. igneus*, *Leptodactylus sibilatrix*); 1850a, 318–319 (includes *Hirudo tuba* Braun); 1858e, 359–360 (in *Dendrohyas viridis*, *Pelophylax esculentus*, *Rana temporaria*, *R. pipiens*, *Phryne vulgaris*, *Bufo viridis*, *Bombinator igneus*, *Leptodactylus sibilatrix*, *Lissotriton punctatus*); 1859c, 435–436 (includes *Amphist. subclavatum* Ben., 1858, 81, *Cerc. amphistomi subclavati* Ben., 1858, 82, in *Cycas cornea*, etc.).—Ben., 1858a, 1861a, 82 (to *Amphist.*).—Bettend., 1897a, 4, 37 (of Göze); 1897, 308.—Blochmann & Bettend., 1895a, 217, fig. 3.—Braun, 1892a, 598, 613, 620, 641, 650, 693, 698, 711, 759, 760, 766, 768, 776, 779, 783, 785, 798, 804, 806, 807, 809, 812, 813, 814; 1893a, 817, 818, 823, 824, 828, 830, 831, 906.—Cobbald, 1872b, 92; 1879, 51.—Cohn, 1903, 39; 1904, 240, 241, 242.—Crep., 1839a, 286, 287.—Darr, 1902, 679.—Fil., 1837a, 338 (to *Amphist.*); 1854; 1855.—Fischder., 1903h, 488.—Gamb., 1896a, 71.—Giebel, 1857, 266.—Kowal., 1894, 2.—Lang, 1892a, 81 (to *Amphist.*).—Linst., 1873, 1 (larva=*Diplocotyle mutabilis* Dies.); 1877, 13–14.—MacCallum, 1905, 669.—Mol., 1859, 27.—Mueh., 1898, 20.—Nord., 1840, 627 (to *Amphist.*), 629.—Par., 1894, 140 to (*Amphist.*) (in *Rana esculenta*; Padova).—Polonio, 1859.—Sieb., 1837, 263.—Sons., 1895, 180, 185.—Ssinitzin, 1905, 157–158; 1906, 685.—Stoss., 1890, 51.—Wagener, 1857, 26, 100, pl. 16, fig. 4, pl. 17, fig. 1.

*subclavatus* Dies., of Leidy, 1856b, 45 (in *Rana pipiens*); 1904a, 88.—Staff., 1905, 689–690 (syn. of *Diplodiscus temperatus* n. sp.).

*temperatus* Staff., 1905, 689 (in *Rana catesbiana*, *R. virescens*; Canada), includes *subclavatus* Dies. of Leidy, 1856.

*unguiculatus* (Rud., 1819) Dies., 1836d, 238, 254–255, pl. 24, figs. 25–27 (in *Salamandra palustris*); 1850a, 319.—Baird, 1853a, 44 (= *Amphist. subclavatum* Rud.).—Braun, 1892a, 613.—Crep., 1839, 287.—Fischder., 1903h, 488.—Nord., 1840, 629 (in *Triton lacustris*).

**DIPLODISKUS** Schneidemuehl, 1896, 295, for *Diplodiscus*.

**DIPLOOZON** Mont., 1888a, 64, for *Diplozoon*.

**DIPLOOZOON** Mont., 1888a, 64, for *Diplozoon*.

**DIPLOSTOMA** Cobbald, 1860a, 49, for *Diplostomum*.

**DIPLOSTOMATUM** Ols., 1893, 8, see *Diplostoma*.

**DIPLOSTOMEA** Ols., 1893, 8, f. name for *Diplostomæ*.

- DIPLOSTOMEÆ** Mont., 1888a, 6, 7, 11, 12, 14, 15, 18, 26, 28, 33, 34, 41, 46, 47, 51, 52, 53, 54, 56, 57, 60, 64, 67, 90, 91, 92, 94, 102, 103, 108: 1891, 110.—Brand., 1888a, 49; 1890a, 576, 580.—Braun, 1893a, 886, 887.
- DIPLOSTOMIDÆ** Poir., 1886, v. 4 (3), 327–346, pls. 18–20; (1887) v. 1 (14), 425–426.—Brand., 1888a, 17, 49, 53; 1890a, 575.—Braun, 1893a, 886, 887.—Mont., 1888a, 10, 15, 22, 53, 91, 103.
- DIPLOSTOMINÆ** Brand.—Braun, 1893a, 890, 895, 901.—Mont., 1892, Oct. 7, 214 (subf. of Holostomidæ).—Pratt, 1902a, 890, 908 (key) (includes Diplost., Polycotyle).
- DIPLOSTOMULUM** Brand., 1892b, 511, as collective group, not as genus, hence no type.
- constrictum* (Dies., 1850) Brand., 1892b, 511.
- DIPLOSTOMUM** Nord., 1832a, 27–28, 34, 39, 47, 69 (type of first group Dip. volvens: type of second group Dip. clavatum; type by elimination and page precedence volvens) [not Diplostoma Rafinesque 1817, mammal]; 1840, 561, 602, 617, 629–630.—Brand., 1888a, 11, 12, 17, 18, 49, 50 (proposed as new genus: not of Nord.), 52, 54–58; 1890a, 575, 576, 578, 580.—Braun, 1883, 40, 56; 1890a, 515; 1892a, 600, 658, 715, 774, 792, 793, 794; 1893a, 872, 879, 881, 884, 886, 887, 890, 892, 895, 900, 901, 917; 1893b, 187; 1894, 166; 1895, 132, 136.—Burm., 1837a, 529; 1856a, 250.—Cobbold, 1860a, 49 (Diplostoma).—Crep., 1839a, 289.—Dies., 1850a, 287, 304 (syn. of Tylodelphys), 305–307; 1855, 60; 1858e, 312, 317–318 (volvens, cuticola, grande); 1859c, 424.—Duj., 1845a, 473–474.—Fischer, 1840a, 156.—Gamb., 1896a, 64, 73.—Goldb., 1855a, 17.—Heider, 1900, 21.—Henle, 1835a, 587.—Hoyle, 1890, 539.—Jackson, 1888, 652, 653, 654.—Leuck., 1863a, 475, 525.—Mol., 1858, 287; 1861, 191.—Mont., 1888a, 15, 54, 57, 61, 71 (Diplost.), 83, 84, 91 (Diplostostomum), 104; 1892, Oct. 7, 214 (g. of Diplostominae).—Moul., 1856, 12, 16 (probably young holostomes).—Pavesi, 1881, 615.—Poir., 1886, 327–346.—Pratt, 1902a, 890, 908 (key).—Schneidemuehl, 1896, 295.—Tasch., 1879, 233.—Villot, 1898, 541, 542.—Wyman, 1869, 42.—Wolf, 1903, 605.
- 1860: Diplostoma Cobbold, 1860a, 49–51, for Diplostomum.
- 1888: Diplostostomum Mont., 1888a, 91, misprint.
- 1888: Displostomum Mont., 1888a, 71, misprint.
- abbreviatum* Brand., 1888a, 55 (in Crocodilus sp.: Brazil); 1890a, 581–582, pl. 39, figs. 15–17 (in Croc. sp.; Brazil).—Braun, 1893a, 901.
- egyptiaca* Cobbold, 1876t, 757.—Fischder., 1903h, 488.—Sons., 1895, 179.
- egyptiacum* Cobbold, 1876t, 757 (in Equus; Egypt); 1877, 233, 235, 238.—Fischder., 1902a, 46 (syn. of Gastrodiscus polymastos Leuck.).—Lejtenyi, 1881a, 1.—Looss, 1896b, 13 (to Gastrodiscus).—Sons., 1895, 179.—Ward, 1895, 338 (in Equus caballus).—Zuern, 1882, 222.
- alatum* (Garze, 1782) Par., 1894, 140 (as Dip. (Hemist.) alatum Dies.) (in Vulpes vulgaris, Padova; Canis familiaris, Torino).
- auriflavum* Mol., 1859, 287 (in Ardea nycticorax; Batavii); 1861, 191–192, pl. 1, figs. 1–2.—Braun, 1893a, 901.—Dies., 1859c, 424.
- bifurcatum* (Wedl, 1861) Brand., 1888a, 57–58 (in Crocodilus vulgaris; Egypt); 1890a, 584.—Braun, 1893a, 901.—Odhn., 1902, 19.
- brevicaudatum* (Nord., 1832) Dies., 1850a, 306.—Braun, 1892a, 796.—Kroyer, 1852–53a, 1222 (in Barbus fluviatilis Ag.).—Villot, 1898, 542.
- clavatum* Nord., 1832a, 42–49, pl. 3, figs. 5–10, pl. 4, fig. 5 (in Perca cernua. P. fluviatilis, P. lucioperca); 1833, 286–295, pl. 18, fig. 4, pl. 19, fig. 2; 1840, 630.—Braun, 1892a, 654, 794.—Claparède, —, 198, pl. 8, figs. 1–3.—(Crep., 1839a, 289.—Dies., 1850a, 305 (to Tylodelphys); 1858e, 316 (to Tylodelphys).—Duj., 1845a, 475.—Gescheidt, —, 428.—Henle, 1833a, 22.—Kroyer, 1838–40a, 21; 1846–53a, 253 (in Perca fluviatilis, Esox lucius).—Moul., 1856a, 220–221 (in eyes of perch by Nord.; Esox lucius Duj.; P. fluviatilis Moul.: Lake Lemani).—Ols., 1893, 8.—Steenstrup, 1842, 58.
- cobitidis* Linst., 1890d, 179 (in Cobitis barbatula).—Braun, 1891d, 424 (in Cob. barb.).
- cranarium* (Dies., 1858) Cobbold, 1860, 49–50 (includes Trematodum sp. Leydig) (in Cobitis fossilis).
- cuticola* (Nord., 1832) Dies., 1850a, 306; 1858e, 317–318 (to Holost.) (in Pomotis vulgaris; Phila.; Leuciscus dobula, L. rutilus; Anglia; Gobio vulgaris, Phoxinus laevis).—Braun, 1892a, 796.—Koch, 1904, 795.—Kroyer, 1838–40a,

## DIPLOSTOMUM—Continued.

- 578 (in *Perca fluviatilis* L.).—Lint., 1898, 513, pl. 41, figs. 6-10, pl. 42, figs. 1-5.—Staff., 1904, May 3, 494 (encysted in liver of *Ambloplites rupestris*; Canada).—Villot, 1897, 1898, 541, 542 (larva of *Hemist. denticulatum*) (in *Phoxinus levis*).—Wellner, 1899, 51-53, 2 figs. (in Weissfisch).—Also reported for *Abramis brama*, *A. vimba*, *Blicca bjærkna*, *Gobitis tænia*, *Chænobrythus gulosus*, *Chondrostoma nasus*, *Cyprinus carpio*, *Eupomotis auratus*, *E. pallidus*, *Gobio fluviatilis*, *Idus melanotus*, *Lepomis auritus*, *Leuciscus erythrophthalmus*, *L. idus*, *L. vulgaris*, *Scardinius erythrophthalmus*.
- [*fusca* = *Geomys bursarius*, mammal].—Stiles, 1896, 183.
- grande* Dies., 1850a, 305, 307 (in *Ardea leuce*, *A. agami*; Matogrosso, Brazil); 1855, 60, pl. 1, figs. 1-12; 1858c, 318; 1859c, 424 (in *Strix nivea*).—Brand., 1888a, 12, 18, 26, 50, 54-55 (syn. *Hemist. macropterum*) (in *Ardea leuce*; Brazil); 1890a, 554, 576, 581, pl. 39, fig. 14 (in *Ardea leuce*; Brazil).—Braun, 1892a, 582; 1893a, 901.—Leidy, 1859, 110.—Mont., 1888a, 12.—Poir., 1886, 328.
- lenticola* Linst., 1878, 226-227, fig. 9 (in *Abramis vimba*).—Braun, 1892a, 796.—Poir., 1886, 336 (in *A. vim.*).
- longe* Braun, 1892a, 581, see *longum*.
- longum* Brand., 1888a, 25, 55, 57, 61 (in *Crocodylus*; Brazil); 1890a, 553, 582, 584, pl. 39, figs. 1-9 (in *Croc.* by Natterer; Brazil).—Braun, 1892a, 569, 582, 586, 672; 1893a, 901.
- macrostomum* Jaegers., 1900a, Jan. 6, 33-37, figs. 1-5 (in *Telmatias major*; ?Upsala).
- mülleri* Cobbold, 1860a, 50 (includes *D. petromyzi fluvialis* Mueller, *D. rachiseum* Mueller?, *Tylodelphys* Dies. Revis., p. 12) (in *Petromyzon fluviatilis*).
- musculicola* (Waldenburg, 1860) Braun, 1892a, 796.
- mutabile* (Dies., 1850) Par., 1896, 2, to (*Codonoccephalus*) (in *Rana esculenta*; Italy).
- parvulum* Staff., 1904, 494 (in *Semotilus bullaris*; Canada).
- petromyzi fluvialis* Dies., 1850a, 307, based on Mueller, 1840, 30 (in *Petromyzon fluviatilis*); 1858c, 318 (to *Tylodelphys*).
- pseudostomum* (Will.-Suhm 1870) Poir., 1886, 334-339, 345, pl. 18, figs. 3-4, 5, 6, pl. 19, figs. 2, 4.—Brand., 1888a, 34, 50, 55-56 (in *Crocodylus*; Brazil); 1890a, 563, 576, 582-583, pl. 39, figs. 10, 11 (in *Croc. sp.*).—Braun, 1892a, 593; 1893a, 901.
- putorii* Linst., 1877, 191, pl. 14, fig. 21 (in *Fœtorius putorius*).—Brand., 1888a, 42; 1890a, 572.—Braun, 1894a, 796.
- rachiseum* Crep., 1839, 289.—Mueller, 1839, 198.
- rachidis* Par., 1896, 2, for *rhachiseum* to (*Tylodelphis*).
- rachiseum* Fraip., 1880c, 419, for *rhachiseum*.
- rachineum* Mueller, (1842).
- rhachiseum* Henle, 1833a, 19-22, pl. 1, figs. 18-22 (in *Rana*).—Brand., 1888a, 15.—Braun, 1892a, 654 (*rhachiseum*), 795.—Claparède, —, 198, pl. 8 (*rhachiseum*).—Crep., 1839, 289 (*rhachiseum*).—Dies., 1850a, 305 (syn. of *Tylodelphys rhachidis*); 1858c, 316 (*rhachiseum*). (syn. of *Tylodelphys rachidis*).—Duj., 1845a, 475 (*rhachiseum*).—Fraip., 1880c, 419 (*rhachiseum*); 1881b, 7 (*rhachiseum*).—Hofman, 1899, 184 (*rhachiseum*).—Jackson, 1888, 645 (excretory system).—Kuech., 1855, 187 (*rhachiseum*).—Leidy, —, 383.—Leuck., 1863a, 526 (*rhachiseum*).—Mont., 1888a, 41 (*rhachiseum*).—Moul., 1856a, 221 (*rhachiseum*).—Mueller, 1839, 198 (*rhachiseum*); 1842, — (*rhachineum*) (in *Petromyzon fluviatilis*).—Par., 1896.
- siamense* Poir., 1886, 327-333, 336, 340, 345, pl. 18, figs. 1, 2, pl. 19, fig. 7, pl. 20, figs. 1-4 (in *Crocodylus siamensis*).—Brand., 1888a, 26, 34, 50, 56-57 (in *Croc. si.*); 1890a, 554, 563, 576, 583.—Braun, 1892a, 717; 1893a, 901.—Mont., 1888a, 12.
- spataceum* Stoss., 1896, 126 (for *spathaceum*).
- spathaceum* (Rud., 1819) Olss., 1876, 29-30.—Braun, 1893a, 901.—Stoss., 1896, 126 (*spataceum*); 1898, 20 (to *Conchosomum*).
- spathula* Brand., 1888a, 54 (syn. *Hemist. spathula*) (in *Falco palumbarius*; Wien. Museum); 1890a, 580, pl. 39, fig. 13.—Braun, 1892a, 582; 1893a, 901.—Also reported for *Astur palumbarius*.

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*spathulæforme* Brand., 1888a, 44, 54 (in *Strix otus*); 1890a, 574, 580–581, pl. 39, fig. 12 (in *Otus vulgaris*).—Braun, 1892a, 582; 1893a, 844, 845, 901; 1894, 166.—Wolffhüegel, 1900, 9, 11, 12, 14.—Also reported for *Accipiter nisus*, *Ægolius otus*, *Buteo vulgaris*, *Sarcorhamphus gryphus*.

sp. Kroyer, 1852–53a, 1051 (in *Petromyzon fluviatilis* L.).

sp. Lint., 1901, 415, 442, 471.

*volvans* Nord., 1832a, 28–41, 43, pl. 1, fig. 3, pl. 2, figs. 1–10, pl. 3, figs. 1–4, 9, pl. 4, fig. 6 (in *Cyprinus erythrophthalmus*, *Gadus lota*, *Perca cernua*, *P. fluviatilis*, *P. lucioperca*); 1833, 270–286, pls. 18, 19, figs. 1–3 (pl. 19, fig. 1, gives *Dist. volvens*, probably *lapsus*); 1840, 630.—Aubert, 1853, 90.—Brand., 1888a, 12; 1890a, 569.—Braun, 1892a, 636, 637, 648, 653, 654, 794–796; 1894, 166, 167; 1894k, 681 (larva of Hemist. *spathaceum*).—Brown, A. W., 1899d, 490, 493, 494.—Claparède, —, 100, pls. 4, 5.—Cobbold, 1858b, 159.—Crep., 1839a, 289; 1846, 150, 153.—Dies., 1850a, 306; 1858e, 317.—Duj., 1845a, 474–475.—Fraip., 1880a, 400; 1880c, 419, 420, 429–433, 441, 442, 443, pl. 18, figs. 18–21 (in *Leuciscus rutilus*, *Chondrostoma nasus*); 1881b, 1, 7; 1883a, 36.—Gamb., 1896a, 64, fig. 31 (as *Dip. (Tetracotyle) volvens*).—Gescheidt, 1833, v. 3, 426–428.—Henle, 1883a, 22.—Jackson, 1888, 645 (excretory system).—Kroyer, 1838–40a, 21, 579, 609; 1852–53a, 1224 (in *Leuciscus rutilus* L., *L. erythrophthalmus*, *Lota vulgaris*, *Perca fluviatilis* L., *Acerina cernua* L.).—Loebs, 1885b, 20.—Mont., 1888a, 41, 42, 43, 45, 46.—Moul., 1856a, 220 (in eye of *Perca fluviatilis*, *P. cernua*, *P. lucioperca*, *Gadus lota*, *Cyprinus erythrophthalmus*).—Mueh., 1898, 16.—Olas., 1893, 9 (in *Leuciscus phoxinus*).—Steenstrup, 1842, 58.—Villot, 1898, 542 (larva of Hemist. *spathaceum*).—Also reported for *Acerina cernua*, *A. vulgaris*, *Lota communis*, *Lucioperca sandra*.

DIPLOSTOMUM Brand., 1888a, 50, 54–58, proposed as new genus [no type given], [not Nord., 1832], for abbreviatum, bifurcatum, grande, longum, pseudostomum, siamense, *spathula*, *spathulæforme* see under foregoing entry; 1890a.—The generic name *Diplostomum* Brand. falls as a homonym.

DIPLOSTOSTOMUM Mont., 1888a, 91 for *Diplostomum*.

DIPLOOZON Mont., 1888a, 64 (for *Diplozoon*).

DIPLOOZOON Mont., 1888a, 64 (for *Diplozoon*).

DIPLOZOON Nord., 1832a, 56–76 (m. *paradoxum*); 1840, 599.—Beard, 1905, v. 93, 383, 2 figs.—Ben., 1858a, 1861a, 11, 38, 168, 172, [200], 345; 1868, 28.—Ben. & Hesse, 1864, 61, 64, 96.—Brand., 1891b, 266; 1894a, 308.—Braun, 1889k, 620, 621; 1890b, 125, 127, 128; 1891d, 422; 1890a, 413, 414, 442, 451, 461, 468, 472, 475, 477, 480, 481, 482, 485, 491, 492, 493, 494, 495, 498, 500, 506, 507, 511, 514, 515, 516, 517, 518, 520, 522, 523, 533, 534, 535, 546; 1893a, 890; 1895, 125; 1899, 3.—Burm., 1837a, 530; 1856a, 251.—Carus, 1833, 477.—Cerf., 1895h, 918, 920; 1896, 514, 515; 1899a, 451.—Chatin, 1880f, 591–592; 1881a, 310–312; 1887d, 1005.—Crep., 1838, 84; 1839a, 292.—Dies., 1850a, 90, 422–423, 425; 1858e, 269–272, 315 (in subf. *Placoplectana*), 387.—Duj., 1845a, 315.—Gamb., 1896a, 55, 57, 61, 73.—Goldb., 1855a, 19.—Goto, 1891a, 167, 168, 169, 170, 176, 177, 178, 181, 183, 186, 187; 1891c, 103; 1893a, 800.—Haswell, 1892b, 149; 1893c, 114.—Hoyle, 1890, 539.—Ijima, 1884, 637, 638.—Jackson, 1888, 649 (= *Diporpa*), 653.—Juel, 1889, 33.—Kath., 1894a, 148, 155.—Leuck., 1863a, 48; 1879, 58, 62.—Leuck., 1886d, 45, 48.—Loebs, 1892a, 72–73; 1893b, 810.—Mayer, 1841a, 34.—Mont., 1888a, 11, 15, 37, 49, 51, 52, 53, 55, 57, 58, 59, 60, 61, 63, 64 (*Diplozoon*, *Diploozoon*), 65, 66, 70, 83, 84, 86, 89, 98, 99; 1892, Oct. 7, 186, 213 (in *Otocotylinæ*); 1893, 111; 1903, 336 (subf. *Otocotobitrinæ*).—Moul., 1856a, 10.—Pintner, 1891, 728.—Pratt, 1900a, 646, 651 (key), 656, fig. 31.—Tasch., 1879, 35, 69; 1879, 232, 233, 238, 249 (syn. *Diporpa* Duj.).—Wallenstedt, 1847, 7.

1835: *Diplozoon* Burm., 1835b, 187, for *Diplozoon*.

1888: *Diploozoon* Mont., 1888a, 64, for *Diplozoon*.

1888: *Diploozon* Mont., 1888a, 64, misprint.

1900: *Diplozoön* Pratt, 1900a, 646, 651.

*nipponicum* Goto, 1891a, 151–192, pls. 21–23 (in *Carassius vulgaris*); 1891b, 472–473.—Braun, 1891d, 422.—Mont., 1893, 8, 111.

*paradoxum* Nord., 1832a, 56–57, pl. 5, figs. 1–5, pl. 6, figs. 1–2 (in *Cyprinus brama*); 1833, 373–396, pl. 20, figs. 1–4; 1840, 547, 597, 599.—Ben., 1858a, 1861a, 39–44, 53, 66, 99, 169, 176, 186, pl. 4, figs. 1–12.—Braun, 1883, 45, 51, 57, 71; 1890a, 409, 415, 420, 428, 438, 439, 445, 451, 452, 455, 456, 457, 465, 472, 479, 483, 489,

## DIPLOZOON.—Continued.

492, 499, 506, 512, 535, 548, 550, 551; 1891a, 52, 53.—Burns., 1837a, 530.—Cobbold, 1872b, 90.—Crep., 1838, 89 (in *Cyprinus balerus*, *C. brama*, *C. jesus*, *C. rutilus*, *C. vimba*; on gills), 164; 1839a, 292.—Dies., 1850a, 423; 1858c, 282, 387 (in *Carassius gibelio*; *Rhodeus amarus*); 1859c, 444.—Duj., 1845a, 316.—Ehrenb., 1835, 128.—Fraip., 1880a, 400 (paradoxum); 1880c, 416, 418, 433; 1883a, 36.—Gamb., 1896a, 59–61, figs. 27, 28.—Gosse, 1857a, 125.—Goto, 1891a, 151, 175, 185.—Hausmann, 1897b, 4, 7, 20, 22, 36–38 (in *Abramis brama*, *Cottus gobio*, *Gobio fluviatilis*, *Phoxinus phoxinus*).—Heller, 1857a, 109–110, 5 figs.—Hoyle, 1890, 539, fig. 3, A.—Ijima, 1884c, 637.—Jackson, 1888, 650.—Jacoby, 1900, 3.—Kerbert, 1881a, 556.—Kholodk., 1899a, 148, fig. 176.—Kollar, 1835, 81; —, 82.—Kroyer, 1846–53a, 388, 410, 419, 434, 446, 462; 1852–53a, 1223, 1224 (in *Abramis balerus*, *A. blicca*, *A. brama*, *A. vimba*; *Leuciscus erythrophthalmus*, *L. idus*, *L. rutilus*).—Lamarec, —, 599.—Leuck., 1863a, 450.—Looss, 1885b, 18; 1892a, 81.—Mayer, 1841a, 23.—Mont., 1888a, 9, 38, 40, 52, 58, 70; 1890, 421; 1892, Oct. 7, 186; 1893, 110, 111.—Mueh., 1898, 12, 18.—Olss., 1893, 6.—Par., 1896, 1.—Par. & Perugia, 1890, 7.—Paulson, 1862, 16 pp., 1 pl.; 1867, 1–24.—Pratt, 1900a, 656, 657, fig. 31.—Sieb., 1835, 58, 59; 1836, 105; 1836, 238; 1839, 163, 164; 1842, 459; 1850, 36–37; 1851, 10 Mar., 62–68 (conjugation); 1854, 52–58, 201–206.—Sons., 1897, 259.—Sramek, 1901, 95, 109, fig. 63 (in *Abramis brama* (uv.)).—Tasch., 1879, 249 (syn. *Diporpa dujardini* Dies.); 1879, 613.—Vogt, 1841, 33–36, pl. 2, figs. 10–12.—Wagener, 1857, 96, pls. 9–10.—Zeller, 1872, 3 May, 168–180, pl. 12, figs. 1–13 (development); 1872, Sept., 99–112; 1888, 23 Mar., 233–239, pl. 19 (genital organs); 1888, 427–428.—Also reported for *Blicca bjerkna*, *Carassius vulgaris*, *Chondrostoma nasus*, *Cyprinus blicca*, *C. cephalus*, *C. gobio*, *C. leuciscus*, *Gasterosteus aculeatus*, *Idus melanotus*, *Leuciscus cavendishii*, *L. prasinus*, *Lota vulgaris*, *Scardinius erythrophthalmus*.

DIPLOZOUM Burns., 1835b, 187, for *Diplozoon*.

**DIPORPA** Duj., 1845a, 316–317, pl. 3, fig. C (m. *dujardini* Dies., 1850).—Ben., 1858a, 1861a, 38, 199.—Ben. & Hesse, 1864, 61, 64.—E. Bl., 1847, 337–338.—Braun, 1883, 57; 1890a, 424, 442, 452, 506, 507, 518, 535.—Chatin, 1880f, 591–592; 1881a, 310–312.—Cunningham, 1867a, 279.—Dies., 1850a, 289, 420, 425; 1858c, 269–272; 1858e, 315, 386.—Gamb., 1896a, 61.—Goldb., 1855a, 19.—Heller, 1857a, 110.—Jackson, 1888, 649.—Looss, 1892, 81.—Kroyer, 1846–53a, 434 (in *Leuciscus erythrophthalmus*).—Mont., 1888a, 70, 83, 84, 89.—Tasch., 1879, 232, 249 (syn. *Diplozoon* Nord.).

*dujardini* Dies., 1850a, 420 (in *Cyprinus erythrophthalmus*) (based on Duj., 1845a, 316–317, pl. 3, fig. c); 1858c, 271; 1858e, 386 (in *Phoxinus phoxinus*).—Ehrenb., 1852, 28.—Olss., 1893, 6.—Sieb., 1850, 36–37; —, 62.—Tasch., 1879, 249 (syn. of *Diplozoon paradoxum* Nord.).—Also reported for *Abramis alburnus*.

**DISCOCOTYLE** Dies., 1850a, 290, 423–424 (only positive species, hence type *sagittata*), 425.—Goldb., 1855a, 19; Tasch., 1879, 239.

1858: *Placoplectanum* Dies., 1858e, 315, 384, *Discocotyle* renamed, hence type *sagittatum*.

1890: *Discotyle* Braun, 1890a, 518, misprint.

*hirundinaceum* (Bartel, 1834) Dies., 1850a, 424 (sp. inq., nomen nudum except for habitat, *Coregonus wartmanni*).

*leptogaster* (Leuck., 1830) Dies., 1850a, 424 (in *Chimera monstrosa*; *Christiania*).—Kroyer, 1852–53a, 812 (in *Ch. mon. L.*).—Tasch., 1879, 245 (to *Octobothrium*).

*sagittata* (Leuck., 1842) Dies., 1850a, 423–424 (in *Salmo fario*).—Kroyer, 1838–40a, 616 (in *Salmo fario*).—Tasch., 1879, 244 (to *Octobothrium*).

**DISCOCOTYLEA** Dies., 1850a, 419, 422 (supergeneric).

**DISCOCOTYLEÆ** Dies., 1850a, 288, 289, 290 (supergeneric).—Goldb., 1855a, 17, 19.

**DISCOTYLE** Braun, 1890a, 518, misprint for *Discocotyle*.

**DISCOTYLEA** Cerf., 1899a, 351.

**DISPLOSTOMUM** Mont., 1888a, 71 (for *Diplost.*).

**DISSICHYA** Cosmovici, 1887a, 129, 131 (includes *Amphist.*, *Bilharzia*, *Dist. Gasterost.*, *Hemist.*, *Holost.*).—Mont., 1888a, 84.

**DISTOAM** Cobbold, 1875n, misprint for *Distoma*.

**DISTOMA** Retzius (1782); 1790, 32 (*Fasciola* Linn., 1758, renamed, hence type *hepatica*) [not *Distoma* Savigny, 1816, mollusk; *Distomus* Gartner 1774,



## DISTOMA—Continued.

Ascidiae compositae; Distomus Steph., 1827, coleopteron; not Distoma (Gärtner of Herdmann, 1890).—Abildg., 1790, 36 (syns: Fasc. hep. Linn., Fasc. Mueller, Planaria Goetze, Fasc. Bloch).—Adam, 1879, 159.—Aitken, 1872, 203, fig. 36a.—Albarran, 1897b, 1096.—Anacker, 1885c, 438; 1885d, 380, 381; 1887b, 350.—Andral, 1829d, 617.—Ariola, 1899a; 1899 (in 129-138); —, 299.—Ashley, 1856, 7, 8.—Audouin, 1824a, 563-564 (polyp).—Baillet, 1866b, 99.—Bellingham, 1844a, 422-423.—Ben., 1870c, 142.—Ben. & Hesse, 1864a, 61.—E. Bl., 1847a, 291-292.—R. Bl., 1888a, 543, 567, 570, 575, 577, 584, 585, 590, 593, 594, 595, 597, 598, 599, 601, 602, 603, 605, 614, 615, 622, 624, 625, 627, 628, 630, 631, 636, 641, 643, 644, 646, 647; 1891p, 609; [1892b], 1026-1030, figs. 1-7.—Bojanus, 1817, pl. 9.—Brand., 1888a, 9; 1892b, 506.—Braun, 1883a, 59, 70; 1890a, 473, 479, 514, 515; 1891d, 423; 1892a, 570, 599, 635, 696, 715, 720, 735, 767, 769, 770; 1893a, 825, 837, 853, 857, 872, 879, 880, 884, 885, 886, 887, 890, 893, 894, 895, 902, 908, 913, 918; 1893i, 382, 383, 388, 389; 1893g, 802; 1894i, 604; 1895b, 17, 134, 136, 138; 1900b, in 217-236, 1 pl.; 1900, 3; 1900g, 254; 1900h, 3, 6; 1901e, 323, 332, 333, 338, 339, 340, 342; 1902b, 41, 51, 52, 53, 79, 117.—Burm., 1837a, 529; 1856a, 250.—Bremser, 1824, 133-134.—Buttel-Reepen, 1900a, 585-598, figs. 1-9 (2 species); 1902a, 282-283.—Carus, 1835a, 90, 91, 93; 1863, 479.—Chiaje, 1833, 11.—Cobbold, 1879b, 15; 1883p, 401, fig. 16; 1883x, 514.—Cohn, 1902h, 880.—Cosmovici, 1887a, 128.—Crep., 1837a, 309-329; 1839a, 288.—Daldorf, 1793, 159 (syn. of Fasc. hep.).—Davaine, 1877a, lxxiv.—DeLafield & Prudden, 1897a, 130.—Dies., 1850a, 288, 293 (of Baer syn. of Rhopalocerca), 295 (of Fil. and Steenstrup syn. of Cerc.), 301 (of Baer syn. of Heterost. Fil.), 307 (of Rud. syn. of Hemist. Dies.), 318 (of Zed. syn. of ? Diplodiscus Dies.), 319 (of Zed. syn. of Monost. Zed.), 329 (of Ammon, syn. of Monost. lentis Nord.), 331-339 (syns. Fasc. Linn., Planaria Auct., Schisturus Rud., Alaria Blainv., Brachylemus E. Bl., Apolema E. Bl.), 400 (of Bojanus syn. of Amphist. Rud. ex parte; of Rud. syn. of Rhopalophorus Dies.), 418 (of Henle syn. of Heptast. Otto Schomburgk), 573 (of Zed. syn. of Tetrabothriorhynchus Dies.), 609 (of Humboldt syn. of Pentast. Rud.); 1855a, 377, 380, 383 (of Fil., Sieb., & Steenstrup, syn. of Cercariae), 384, 385, 396; 1858e, 312, 329 (syns. 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- amphistoma* Nord., 1840, 616 [probably lapsus].
- amphistomoides* Bojanus, 1817b, 270–277, pl. 9, figs. 1–6 (in *Castor fiber*) (*Dystoma*). Baird, 1853a, 43 (= *Amphist. subtriquetrum* Rud.).—Dies., 1836, 248; 1850a, 402 (syn. of *Amphist. subtr.*).—Fischder., 1902a, 42 (syn. of *Cladorchis* (*Stichorchis*) *subtriquetrus*).
- ampullaceum* Buttel-Reepen, 1900a, 586–596, 597, 598, figs. 1–7 (in Cetacean; Indian Ocean); 1902, Dec. 8, in 165–236; 1902, pl. 6, fig. 25; pls. 7–10, figs. 27–53; text figs. b–g; 1904, Jan. 26, 24–25; 1905, July, in 52–53.—Darr, 1902, 698.
- anarrhichæ* Jacoby, 1900, 13, see *anarrhichæ*.
- anarrhichæ* Rud., 1819a, 121–122 (*D. anarrhichæ lupi* Rathke, from intestine, renamed).—Dies., 1850a, 398 (possibly syn. of *D. appendiculatum*).
- anarrhichæ lupi* Rathke, 1799, 70, 146, pl. 2, figs. 3, a, b (in *Anarrhichas lupus*).—Dies., 1850a, 339, from stomach (syn. of *D. incisum* Rud.).—Jacoby, 1900, 12.—Rud., 1809a, 361, from stomach (syn. of *D. incisum*), 435–436 (see *anarrhichæ*).
- anatis* (Schrank, 1788) Zed., 1800a, xvii, 164, 196–198.—Dies., 1850a, 383 (syn. of *D. echinatum* Zed.).—Looss, 1899b, 680.—Rud., 1809a, 418 (syn. of *D. echinatum* Zed.).
- anatis domesticæ* Rud., 1809a, 431–432 (*Hirudo fasciolaris* Mueller, *Fasc. anatis* Bruguière, 1791, renamed); 1819a, 121.—Dies., 1850a, 335 (syn. of *D. ovatum* Rud.).
- anatis fuscæ* Viborg, 1795, 243 (at Copenhagen).—Dies., 1850a, 397–398.—Duj., 1845a, 450. Knoch, 1862c, 104.—Rud., 1809a, 431; 1819a, 120–121.—Stoss., 1892, 167, syn. of *Echinost. echinatum* (Zed.) Cobbold.
- anceolatium* Braun, 1892a, 677 (for *lanceolatium*).
- anceps* Mol., 1859, 845–846 (in *Fulica atra*; Padua).—Stoss., 1892, 168 (to *Echinost.*).
- ancyli lacustris* Dies., 1855a, 400 (to *Cercariaeum*), based on Baer, 1827b, 656 (in *Ancyclus lacustris*).
- andersoni* Cobbold, 1876, 46, pl. 10, fig. 3 (in *Platanista gangetica*); 1879, 420.—Linst., 1886, 125.—Stoss., 1892, 19 (to (*Brachylaimus*)).
- anguilla* (Gmelin, 1790) Zed., 1803a, 222, in *Anguilla*.—Dies., 1850a, 340 (=? *D. polymorphum* Rud.). Nord., 1840, 618 (to *Fasc.*).—Rud., 1809a, 363 (syn. of

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- D. polymorphum*); 1814a, 101; 1819a, 369 (of Abildgaard, as ? syn. of *D. polymorphum*).—Thompson, 1844, 439 (in *Anguilla conger*).
- anguillula* Dies., 1850a, 340 (syn. of *D. polymorphum*), lapsus for *anguilla*.
- anguis* Linst., 1885, 250–251, pl. 15, fig. 27 (in *Anguis fragilis*).—Braun, 1892a, 642, 663, 693.
- angulatum* Duj., 1845a, 401–402 to (Podocotyle [type]) (in *anguille*) [not Fasc. *angulata* Mueller, 1776].—Braun, 1893a, 910.—Cobbold, 1860a, 29 (in *Anguilla vulgaris*).—Dies., 1850a, 379.—Kroyer, 1846–1853a, 641 (in *Ang. migratoria*).—Looss, 1902m, 757, 770, 771 (possibly only one testicle), 772, 827 (type of Podocotyle).—Luehe, 1900, 487, 491, 492.—Odhm., 1905, 320, 321 (syn. of Pod. atomon).—Stiles, 1901r, 193.—Stiles & Hass., 1898a, 92, 93, 97 (type of Pod.).—Stoss., 1886, 17; 1902, 582.
- angusticollis* Hausmann, 1896a, 391–392 (in *Cottus gobio*; Basel); 1897b, 4, 6, 20, 22, 24–29, 31, pl. 1, figs. 1–3.—Looss, 1899b, 571 (to Creadium: possibly identical with *D. commune* Olss., 1868, 31).—Odhm., 1901, 483, 502.
- angustum* Staff., 1900, 407–408, fig. 6 (in *Chrysemys picta*).
- aniarum* Leidy, 1891a, 414 (in *Tropidonotus sipedon*).
- annulatum* Dies., 1850a, 386–387 (in *Gymnotus electricus*; Brazil); 1855, 67–68, pl. 3, figs. 18–21; 1858c, 347.—Braun, 1892a, 571, 584.—Cobbold, 1860a, 36 (to Echinost.).—Looss, 1899b, 595.—Mont., 1888a, 14.—Stoss., 1886, 36.
- annuligerum* Nord., 1832a, 43, 53–54, 55, 102, pl. 1, figs. 4–10 (in *Flussbarsch*).—Braun, 1893a, 871.—Cobbold, 1860a, 28; 1879, 458.—Crep., 1837, 310, 313, 326.—Dies., 1850a, 377.—Duj., 1845a, 455.—Gescheidt, 1833a, 431.—Kroyer, 1838–1840a, 21 (in *Perca fluviatilis*).—Leuck., 1863a, 526.—Moul., 1856, 218–219 (in eye of perch).—Steenstrup, 1842, 59.—Stoss., 1886, 44 to (*Brachylaimus*).
- anonymum* Dies., 1858e, 341 (in *Gadus aeglefinus*, *G. euxinus*, *Merlangus vulgaris*, *M. carbonarius*; Ireland) (includes *D. Gadi aeglefini*, *Merlangi vulgaris*, et *M. carbonarii* based on Bellingham, 1844a, 428).—Cobbold, 1860a, 25.—Stoss., 1886, 45.
- anthos* Braun, 1899b, 720 (in *Chelonae*; Yedo); 1901b, 27–29, 33, figs. 20–22, 24, 31.—Looss, 1899b, 575 (appears to be closely related to Echinost.); 1901l, 565, 566; 1902m, 458, 462 (type of *Calycodes*).
- apertum* Rud., 1819a, 108, 400–401, 779 (in *Apogon ruber* = *Mullus imberbis*; Naples).—Cobbold, 1860a, 27.—Dies., 1850a, 370.—Duj., 1845a, 422 to (*Apoblema*).—Mont., 1891, 522.—Stoss., 1886, 45.—Wagener, 1860, 189 (in *Mullus imberbe*).
- apiculatum* (Rud., 1803) Rud., 1809a, 423, to (Echinost.) includes *D. stridulæ*, 1801 (in *Strix stridula*, *S. flammea*); 1819a, 116, 119.—Braun, 1893a, 874.—Cobbold, 1860a, 35 (to Echinost.) (in *Strix aluco*, *S. flammea*).—Crep., 1837, 311.—Dies., 1850a, 386 (in *Strix aluco*, *S. flammea*; *Gryphæ*).—Duj., 1845a, 425–426.—Giebel, 1857, 266.—Looss, 1899, 703.—Olfers, 1816, 46.—Stoss., 1892, 173 (to Echinost.).
- apodis* Packard, 1882, 142, fig. 1 (in egg sacks of *Apus*).
- apolaimum* Heymann, 1905, Mar. 25, 91–94, pl. 6, figs. 4–5 (in *Kachuga tectum* (Gray), small intestine); *λαίμωός*, Schlund.
- appendiculata* Leidy, 1877, 202 (in *Helix arborea*) [nec Rud., 1802]; 1891a, 416 (syn. of *D. centrappendiculatum*).
- appendiculatum* (Rud., 1802) Rud., 1808a, xxiv [descr. of pls.], pl. 5, fig. 2 [nec Frølich, 1802]; 1809a, 387, 400–401, 405, 407, 438, pl. 5, fig. 2; 1819a, 110, 122, 404–406.—Baird, 1853a, 54.—Bellingham, 1844a, 425.—Ben., 1858a, 1861a, 178, 189; 1870, 16, 30, 66.—Braun, 1891d, 423 to (*Apoblema*); 1892a, 705; 1893a, 853, 864, 879, 911; 1893d, 468; 1902b, 124.—Cobbold, 1858b, 158; 1860a, 20.—Crep., 1837, 310, 313, 326; 1839a, 288.—Dies., 1850a, 342, 370–371, 398 (includes *Apoblema* ap. Bl., Fasc. *alose* Hermann, *F. clupee* Schrank, *F. ap. Rud.*, *F. crenata* Rud., Dist. *clupee* Zed., *D. clupee rhenanæ* Rud., *D. crenatum* Rud., *D. varium* Eysenhardt); 1858d, 268 (larva *Histronella echinocerca* Dies.); 1858e, 342 (in *Acipenser sturio*, *Ammodytes lancea*); 1859c, 431–432.—Duj., 1845a, 420–421 to (*Apoblema*).—Fil., 1855b, 19.—Fraip., 1880b, 106; 1881b, 4.—Gamb., 1896a, 71.—Hausmann, 1897b, 4, 6, 20, 22, 38–39, pl. 1, figs. 11–12 (in *Trutta salar*).—Johnstone, 1907, 180–182, fig. 14 (in *Gadus merlangus*; Shoals).—Jucl, 1889, 4, 7.—Kroyer, 1838–

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- 1840a, 187, 578, 582, 583, 595, 605, 609, 611; 1843-1845a, 444, 488, 581; 1846-1853a, 218, 253, 641; 1852-1853a, 778, 1219 (in *Gasterosteus aculeatus* L., *Perca fluviatilis* Linn., *Trigla hirundo* Linn., *Cottus scorpius* Linn., *Scomber scombrus* Linn., *Gadus morhua* Linn., *Lota vulgaris* Cuv., *Platessa flesus* Linn., *Rhombus maximus* Linn., *Solea vulgaris* Cuv., *Salmo salar* Linn., *Alosa finta* Cuv., *Esox lucius* Linn., *Anguilla migratoria* Kroyer, *Acipenser sturio* Linn., *Clupea harengus* Linn.)—Lander, 1904a, 14, to (*Hemimurus*).—Leuck., 1863a, 453, 454, 481.—Levin., 1881a, 9, 58-59, 59 (Rud. of Olsson, 46, syn. of D. a. Rud. Mol.), 61, 64 (includes D. ventricosum Wagener, D. ap. Rud. of Olsson) (in *Cottus scorpius*, *Gadus ovak*).—Linst., 1903, 354.—Lint., 1900, 269, 283, 289, pl. 36, figs. 25-26; 1901, 408, 415, 418, 437, 439, 440, 445, 449, 459, 460, 467, 471, 475, 478, 482, 486, 487, figs. 312-314; 1905, 328, 333, 352, 365, 374, 378, 382, 393, 404, 405, 415, figs. 152, 153, 160 (in *Brevortia tyrannus*, *Caranx hippos*, *Coryphaena equisetis*, *Lagodon rhomboides*, *Leiostomus xanthurus*, *Lophopsetta maculata*, *Orthopristis chrysopterus*, *Prionotus scitulus*, *P. tribulus*).—Looss, 1894a, 204; 1899b, 640 (type of *Hemimurus*).—Luehe, 1901n, 394, 396, 397, 398, 399, 401.—Mayer, 1841a, 17-18, pl. 3, fig. 12.—Mol., 1858, 289 (in *Alosa vulgaris*: Patavii); 1859, 825-826 (in *Anguilla vulgaris*; Padua); 1861, 204-205, pl. 2, fig. 3.—Mont., 1888, 17, 38, 43; 1888a, 198; 1891, 9 (to *Apoblema*); 1891, 496, 497, 498, 499, 500, 501, 502, 522 (to *Apoblema*); 1893, 123.—Nicoll, 1906, 525.—Olfers, 1816, 46.—Olss., 1868, 46; 1876, 20; 1893, 11.—Sieb., 1842, 365.—Staff., 1902, 895.—Stiles & Hass., 1898a, 90.—Stoss., 1883, 115; 1885, 159; 1886, 47; 1886, 13; 1887, 90; 1887, 184; 1890, 40; 1902, 582.—Wagener, 1860, v. 1, 165-190, pls. 8-9.—Will.-Suhm., 1871 (3), 25 July, 380-396.—Reported also for *Acipenser sturio*, *Achirus fasciatus*, *Alausa finta*, *A. vulgaris*, *Alosa vulgaris*, *Anguilla vulgaris*, *Brosimius brosmie*, *Capros aper*, *Centropages hamatus*, *Citharus linguatula*, *Clupanodon pseudohispanicus*, *Clupea alosa*, *C. sprattus*, *Coregonus oxyrhynchus*, *Cottus bubalis*, *Cynoscion regalis*, *Decapterus macarellus*, *Gadus aeglefinus*, *G. callarias*, *G. euxinus*, *G. melanostomus*, *G. minutus*, *G. morhua*, *G. ovak*, *G. polachius*, *G. virens*, *Gobius jozo*, *Hippoglossus maximus*, *Labrax lupus*, *Lichia amia*, *Lophius piscatorius*, *Lota molva*, *Lucullus acupes*, *Merlangus pollachius*, *M. vulgaris*, *Microgadus tomcod*, *Molva vulgaris*, *Myoxocephalus aeneus*, *Paralichthys dentatus*, *Pomolobus mediocris*, *P. pseudoharengus*, *Prionotus carolinus*, *Pseudopleuronectes americanus*, *Saurus griseus*, *S. lacerta*, *S. saurus*, *Stenotomus chrysops*, *Stenophorus brownii*, *Torpedo marmorata*, *Trachurops crumenophthalmus*, *Urophycis chuss*.
- appendiculatum* Rud., 1819a, 404, c. p.—Odhm., 1905, 352 (syn. of *Brachyphallus crenatus*).
- appendiculatum* Rud. of Olss., 1868.—Levin., 1881, 59 (p. 46 Olss., syn. of D. a., Rud. of Mol.).—Odhm., 1905, 348 (syn. of *Hemimurus levinensi*; includes D. a. "(e. p. ?) Levin., 1881, 58"), 351 (Olss., 1868, pl. 5, fig. 95, syn. of *Hemimurus communis* Odhm.; includes also D. a. Juel, 1889), 352 (Olss., 1868, c. p., syn. of *Hemimurus lühei* Odhm.).
- aquilæ* Leidy, 1887b, 24 (in *Haliaëtus leucocephalus*); 1904a, 197.—Braun, 1893a, 876; 1900h, 16, 42.—MacCallum, 1899, 706, 707.—Stiles & Hass., 1894, 414.
- arcantum* Nickerson, 1900, Oct., 811-815, fig. 1 (in frogs).—Staff., 1902, 482, to (*Pleurogenes*) (includes D. medians Olss., of Staff., 1900); 1902, 724; 1905, Apr. 11, 683 (type of *Loxogenes*).
- arcuatum* Duj., 1845a, 410-411 (in *Corvus glandarius*; Rennes) to (*Brachylaimus*).—Braun, 1901c, 341.—Cobbold, 1860a, 15.—Dies., 1850a, 389.—Looss, 1899b, 703.—Stoss., 1892, 151.—Wolffhüegel, 1900, 9, 24, 37; 38, 39, 40, 41, 42.—Reported also for *Corvus corone*, *Garrulus glandarius*.
- ardæ* (Gmelin, 1790) Zed., 1803a, 222.—Dies., 1850a, 388 (syn. of *D. ferox* Zed.).—Rud., 1809a, 432.
- ardæ minutæ* Pontalié (1853), to (*Cladocalium*).—Dies., 1855, 64, foot-note 5, to (*Cladocalium*).
- ardæ nigræ* Viborg, 1795, see Rud., 1809a, index (*D. hians* Rud.).
- ardæ stellaris* Rud., 1809a, 432-433 (Fasc. *ardæ* Gmelin, 1790, renamed); 1819a, 120.—Dies., 1850a, 388 (syn. of *D. ferox* Zed.).—Duj., 1845a, 447.—Stoss., 1892, 165, syn. of *Echinost. ferox* (Rud.).
- arenula* Crep., 1825a, 53-54 (in *Fulica atra*); 1837, 317.—Braun, 1902b, 155, 156, 157, fig. 99.—Cobbold, 1860a, 15.—Dies., 1850a, 364-365.—Duj., 1845a, 447.—Linst., 1887, 104.—Stoss., 1892, 177.

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- areolatum* Rud., 1809a, 50, 401-402 (Fasc. platessæ Mueller, D. platessæ Zed.) (in Pleuronectes platessa); 1819a, 111, 408-409.—Carus, 1884, 126.—Cobbold, 1860a, 26.—Dies., 1850a, 352 (Fasc. platessæ Mueller, 52, pl. 78, figs. 1-5; D. platessæ Zed.).—Duj., 1845a, 467.—Kroyer, 1843-1845a, 275 (in Platessa vulgaris Cuv.).—Lint., 1900, 269, 279, 293-294, pl. 39, figs. 60-63; 1901, 415 (in Morone americana, Pseudopleuronectes americanus, Tautoglabrus adspersus), 422, 456, 462, 486; 1905, 328, 334, 379, 389, 391, 396 (in Bairdiella chrysura, Micropogon undulatus, Orthopristis chrysopterus, Sciaenops ocellatus).—Mont., 1893, 193.—Olfers, 1816, 46.—Stoss., 1886, 43, 60 to (Echinost.).—Wagener, 1860, 185.
- aristotelis* Stoss., 1892, 14-15 (D. chilostomum Mehlis of Ben., 1873b) (in Rhinolephus hippocrepis, Vespertilio murinus, V. dasycneme, V. daubentonii, V. emarginatus, V. mystacinus, Nannugo pipistrellus).—[Ben., 1873, 27.]—Braun, 1900, 221, 223, 388.—Stoss., 1892, 14, to (Brachylaimus).
- armatissimum* Linst., 1903, 280, fig. 15 (in Iguana sp.).
- armatum* (Rud., 1793) Zed., 1803a, 220.—Caruccio, 1886, 293.—Dies., 1850a, 382 (syn. of D. trigonocephalum Rud.).—Rud., 1809a, 416.—Stoss., 1892, 167 (Echinost. echinatum (Zed.) Cobbold).
- armatum* Mol., 1858, 130 [nec (Rud., 1793) Zed., 1803] (in Phasianus gallus; Pata-vii); 1861, 217.—Anacker, 1887c, 513 (in Gallus dom.).—Braun, 1893a, 874 (in Gallus dom.).—Dies., 1858c, 347.—Hass., 1896a, 2, 3 (syn. of Echinost. echinatum (Zed.)).—Landois, 1882, 23.—Schneidemuehl, 1896, 303 (in chickens).—Sons., 1889, 11 (in Gallina).—Stoss., 1898, 52.
- armatum* MacCallum, 1895, 401 (as variety of D. isoporum).
- armatum paludinae impurae* Fil., 1857c, pl. 2, figs. 14, 15 [doubtless equals D. paludinae impurae armatum].
- arrectum* Duj., 1845a, 403 (in Lézard vert), to (Brachycoelium).—Cobbold, 1860a, 20.—Dies., 1850a, 389-390 (in Lacerta viridis; Rhedoni).—Linst., 1873, 101; 1879, 185.—Looss, 1899b, 567, 568, 611, 614; 1902m, 816.—Luehe, 1899k, 536.—Mol., 1859, 831-833 (in Lacerta viridis, Rhedoni; Podarcis muralis, Padua).—Par., 1894, 147.—Stiles, 1901r, 197, 199, 201.—Stoss., 1895, 225-226.—Also reported for Lacerta muralis.
- arrectum* of Mol. [1859, 831-833], and of Stoss. [1895, 225-226], are, according to Looss, 1899b, 567-568, probably misdeterminations. Molin's form apparently belongs in Telorchis.—Braun, 1901a, 13.—Luehe, 1899, 530.
- ascidia* Rud., 1819a, 108, 399-400 [nec Ben., 1873] (in Sparus boops, S. pagrus; Arimini and Naples).—Barbagallo & Drago, 1903, 410, to (Brachylaimus) (in Box boops, Pagrus vulgaris; Catania).—Carus, 1884, 130.—Dies., 1850a, 369 (in Box vulgaris, Pagrus vulg.; Arimini and Naples).—Duj., 1845a, 458.—Looss, 1899b, 609.—Stoss., 1886, 45; 1898, 41.
- ascidia* Ben., 1873c, 328-329 (see D. lagena Brand.) [nec Rud., 1819a].—Brand., 1889b, 249, 250.—Braun, 1892a, 577, 618, 642, 663; 1893a, 864; 1900, 388; 1900b, 221, 223, 224, 225.—Cobbold, 1879b, 294.—Gamb., 1896a, 71.—Kowal., 1894, 2.—Linst., 1884, 140, fig. 25; 1885, 248-249; 1887, 102-103, pl. 2, figs. 4, 17f (in Vesperugo nathusii) (includes Cerc. armata Sieb.).—Looss, 1894a, 2, 125, 127, 167, 168, 181, 184, 185, 186, 212, 270, 275, pl. 3, fig. 52, pl. 4, figs. 72-73; 1896b, 86; 1898, 453, 454, 455, 457, 458, fig. 1, i; 1899, 547, 556, 609 (type of Lecithodendrium), 610, 613, 618, 718.—Luehe, 1899, 536.—Macé, 1881, 421, in Vespertilio murinus; 1882, 62.—Stiles, 1901r, 200.—Stoss., 1892, 21 (in Plecotus auritus, Rhinolophus hippocrepis, Vespertilio dasycneme, V. daubentonii, V. murinus, V. mystacinus, Vesperugo nathusi, Vesperus serotinus, Nannugo pipistrellus).—Also reported for Rhinolophus ferrum equinum, R. hipposideros, Limnæa stagnalis, Planorbis corneus, Ephemera, Perla, Chironomus plumosus.
- ascidioides* Ben., 1873, 332 (in Vesperugo noctula).—R. Bl., 1891, 467.—Braun, 1892a, 579; 1893b, 185 (in Vespertilio murinus); 1900, 221, 222; 1900, 388.—Cobbold, 1879b, 294.—Linst., 1885, 249-250; 1887, 103 (in Rhinolophus hipposideros).—Looss, 1894a, 2, 167, 168, 181, 182, 184, 185, 210, 211, 212, 275, pl. 3, fig. 51; 1896b, 86; 1898a, 453, 454, 455, 457, 458, fig. 1, i; 1899b, 547, 609, 610 (to Lecithodendrium).—Mont., 1892, 712.—Staff., 1902, 483 (in Vespertilio subulatus) to (Lecith.); 1905, Apr. 11, 692 (syn. of Lecith. chilostomum Mehlis).—Stiles, 1901, 200.—Stoss., 1892, 16 (in Rhinolophus hippocrepis, in Belgio; Vesperugo noctula; Vespertilio murinus; in Clarte-Dieu, Francia; Vesperus serotinus).



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- ascoidea* Leidy, 1877e, 201 (in *Planorbis parvus*) to (*Gymnocephala*); 1904a, 144.—Linst., 1889a, 122 (*ascoideum*).
- asperum* Wright, 1879, 57–58, pl. 1, figs. 3–5 (in *Ardea minor*).—Braun, 1892a, 583.—Mont., 1893, 94.—Stoss., 1892, 164 (to *Echinost.*).
- aspidophori* Ben., 1870, 34, pl. 4, fig. 16 (in *Aspidophorus europæus*).—Braun, 1892a, 643.—Stoss., 1886, 45.
- assula* Duj., 1845a, 398 (in *Coluber natrix*; Toulouse) to (*Dicrocoelium*).—Cobbold, 1860a, 20.—Dies., 1850a, 390.—Erc., 1881e, 78; 1882a, 314 (from *Tropidonotus*).—Kampmann, 1894b, 454.—Linst., 1879, 184.—Mont., 1893, 187, 188, 189.—Par., —, 147.—Stoss., 1895, 222.—Volz, 1899, 235, 237.
- atomon* (Rud., 1802) Rud., 1809a, 362–363 (in *Pleuronectes flesus*); 1810a, 328; 1819a, 95.—Ben., 1870, 48 (*D. altemon*).—Braun, 1892a, 763, 764, 766; 1893a, 873.—Carus, 1884, 132.—Cobbold, 1858b, 160–161, pl. 32, figs. 30–32 (in *Hippoglossus vulgaris*); 1860a, 30.—Dies., 1850a, 340 (in *Platessa flesus*; *Gryphæ*); 1859c, 427–428.—Duj., 1845a, 466–467.—Kroyer, 1843–1845a, 297 (in *Platessa flesus*).—Linst., 1878, 225, fig. 7.—Mol., 1858, 288 (in *Platessa passer*; *Pata-vii*); 1859, 828; (in *Platessa passer*; *Padua*); 1861, 199.—Mont., 1893, 193.—Nicoll, 1907, 73 (to *Podocotyle*).—Odhn., 1901, 484, 485, 499, 502, 503, 506, 507, 508, 509, 511, 512, 513, 514; 1905, 320, 321 (to *Podocotyle*).—Olfers, 1816, 45.—Olss., 1868, 30.—Stiles & Hass., 1898a, 95.—Stoss., 1886, 33 (in *Anarrhichas lupus*); 1887, 185, 186; 1898, 47–48.—Wagener, 1860, 183, 188.
- atriventre* Weinland, 1856, 24 (in *Physa heterostrophæ*).—Braun, 1893a, 865.—Gamb., 1896a, 71.
- attenuatum* Rud., 1814a, 103, *F. longicollis* Abildg., renamed [later renamed *naja*] [nec Duj., 1845a].—Olfers, 1816, 46.
- attenuatum* Duj., 1845a, 392–393 [nec Rud., 1814] (in *Turdus merula*; Rennes) (includes ?*D. longicauda* Rud., ?*D. macrourum* Rud., ?*D. albicollis* Rud., ?*D. clathratum* Deslongchamps).—Braun, 1902b, 109.—Dies., 1850a, 345 (syn. of *D. macrourum* Rud.).—Rail., 1900, 240.—Schlotthauber, 1860, 129.—Stoss., 1892, 156.
- attenuatum* Bremser, MS., in *Rhynchops nigra*; Brazil.—Braun, 1901f, 563 (renamed *Microlistrum spinetum*); 1902b, 60.
- auriculatum* Wedl, 1857, 242–243, pl. 1, fig. 2 (in *Acipenser ruthenus*).—Braun, 1892a, 586; 1900, 231.—Carus, 1884, 128.—Cobbold, 1860a, 25.—Dies., 1858e, 343.
- auriculatum* Wedl. of Lint., 1898, 521, pl. 45, figs. 1–7 (U. S. Nat. Mus. 4845); 1901, 415, 435.—Looss, 1902, 454 (of Lint., 1898) (probably a *Bunodera* and identical with *D. petalosum*).—Staff., 1904, May 3, 491 (of Lint., as syn. of *Acrodactyla petalosa* Lander).—Stoss., 1886, 18, 63 to (*Crossodera*).—See also lintoni.
- baccigerum* Rud., 1819a, 108, 398–399 (in *Atherina hepsetus*; Naples).—Braun, 1892a, 700, 720, 721, 734.—Carus, 1884, 129.—Cobbold, 1860a, 27.—Dies., 1850a, 369.—Duj., 1845a, 461.—Mont., 1893, 95.—Stoss., 1886, 45; 1889, 27; 1898, 44–45.
- bacillare* Mol., 1859, 834–835 (in *Centrolophus pompilius*; Padua).—Barbagallo & Drago, 1903, 410 (to *Dicrocoelium*) (in *Scomber scombrus*; Catania).—Braun, 1892a, 720, 737.—Carus, 1884, 130.—Looss, 1899b, 571 (this form, as described by Stoss., belongs to the *Creadiinae*, possibly to *Creadium*).—Mont., 1893, 86, 94, 102.—Odhn., 1905, 328, 338.—Stoss., 1886, 31 to (*Dicrocoelium*); 1887, 92–93; 1898, 50.
- baculus* Dies., 1850a, 391 (in *Mergus albellus*) (*D. mergi* Rud., 1819a, 121, renamed).—Braun, 1892a, 584; 1893a, 911.—Cobbold, 1860a, 36, 163 (to *Echinost.*).—Linst., 1877, 183, pl. 13, fig. 15.—Stoss., 1892, 163.
- bæltzi* Cobbold, 1884g, 976 (syn. of *D. pulmonale* Bæltz).
- bagri incapsulatum* Wedl, 1861, 479–480, pl. 3, fig. 40 (in *Bagrus* sp.).
- baraldii* Sons., 1892, 91, 92, 93, 94 (in *Zamenis viridiflavus* Lacép.); 1893, 499; 1893, 184; 1896, 116.—Braun, 1893b, 185 (in *Z. vir.*).—Rizzo, 1902, 28 (in *Coluber viridiflavus*; Catania).—Stoss., 1895, 218–219, to (*Brachylaimus*).—Volz, 1899, 235, 237.—West, 1896, 323.
- barbatum* (Linn., 1761) Zed. of Rud., 1809a, 441.—[See Dies., 1850a, 573] (syn. of *Tetrabothriorhynchus migratorius*).

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- batryophorum* Ben., 1870, 51, see botryophorum.
- beleocephalum* Linst., 1873, 104–105, 106, pl. 5, fig. 2 (in *Ardea cinerea*).—Stoss., 1892, 169 (to *Echinost.*).
- belones* Braun, 1893a, 871 (in *Belone vulgaris*), based on Wedl, 1855, 382–383.
- belones vulgaris* Dies., 1855, 64, based on Wedl, 1855, 382–383 (gives no specific name); 1858c, 355, 356 (in *Belone vulgaris*).—Carus, 1884, 128.—Stoss., 1886, 46.
- benedeni* Stoss., 1898, 51, for *benedenii*, 1887.
- benedenii* Stoss., 1887, 95, pl. 10, fig. 39 (in *Mugil chelo*); 1898, 51.—Braun, 1891d, 424; 1892a, 569, 698, 720.—Looss, 1894, 178; 1901, 439; 1902, 129, 130, 136, 137.—Mont., 1893, 82.—Sons., 1894, 254, 255.—[Type of *Haploporus* 1902.]
- bergense* Ols., 1868, 43–44, pl. 10, fig. 93 (in *Anguilla vulgaris*).—Ben., 1870, 83 (*bergensis*).—Odhn., 1905, 356, 357 (syn. of *Lecithaster gibbosus* (Rud.)).—Stoss., 1886, 24 to (*Brachylaimus*); 1902, 582.
- bergensis* Ben., 1870, 83, for *D. bergense*.
- beroei* Will., 1844, 343–344, pl. 10, figs. 10–13 (in *Beroe rufescens*; Trieste).—Busch, 1851, 99 (in *Sagitta*; Trieste).—Dies., 1850a, 381 (renamed *D. papillosum*).—Mont., 1893, 123.—J. Mueller, 1850, 497.—Pag., 1862, 298.
- betencourti* Mont., 1893, 33, 34, 35, 43, 52, 84, 85, 88, 91, 95, 96, 102, 106, 107, 114, 146, 171, 186, 190–193 (syns. *D. luteum* of Ben., 1870, 3; Stoss., 1886, 52; Mont., 1890, 432) (in *Scyllium*; Boulogne), pl. 8, fig. 121; 1896, 152.—Ariola, 1899, 8 (*D. luteum* Ben. as syn.).—Linst., 1903, 354.—Looss, 1894, 219; 1899b, 622.—Stoss., 1899, 10 to (*Pleurogenes*; syn. *luteum* Ben., in *Scyllium canicula*, *S. stellare* at Boulogne); 1904, 193–197.
- bicoronatum* Stoss., 1883, 113–114, pl. 1, figs. 1–3 (in *Ciconia nigra*); 1886, 34, 113 to (*Echinost.*); 1887, 186; 1890, 42 (= *D. cesticillus* Mol.); 1892, 64; 1898, 54.—Braun, 1892a, 571, 583; 1893a, 911; 1893b, 184 (in *Zeus faber*).—Carus, 1884, 127.—Looss, 1901, 599, 600.—Mont., 1888a, 14; 1893, 160, 161.—Sons., 1891, 258.—[1901 to *Stephanochasmus*.]
- bifurcatum* Wedl, 1861, 477–478, pl. 3, fig. 38 (in *Crocodilus vulgaris*; Egypt).—Brand., 1888a, 15; 1888, 57, to *Diplost.*
- bifurcum* Braun, 1899, 631 (in *Flusseschildkröten*); 1901b, 13, 18 (to *Telorchis*).—Luche, 1899, 529 (to *Telorchis*).
- bilharzii* Herff, 1894a, 415, for *Bilharzia hæmatobia*.
- biliosum* Leidy, 1858a, 111 (in a fish; America); 1904a, 112.—Dies., 1859c, 430–431.
- bilis* (Braun, 1789) Zed., 1803a, 214–215 (in *Falco melanaëtus*; Germany).—Braun, 1892a, 632.—Dies., 1850a, 376 (in *Falco chrysaëtus*, *F. albicilla*).—Rail, 1898, 412 (to *Campula*).—Rud., 1809a, 408 (renamed *D. crassiusculum*).
- bilobum* Rud., 1819a, 114, 416 (in *Tantalus falcinellus*; Mus. Vien.) to (*Echinost.*).—Braun, 1892a, 584.—Dies., 1850a, 385; 1858c, 347 (in *Ibis falcinellus*, *Platalea leucorodia*, *Fulica atra*); 1859c, 434.—Duj., 1845a, 431–432.—Mol., 1858, 291 (in *Ibis falc.*; Patavia); 1861, 218–219, 247, pl. 3, figs. 5, 8.—C. Par., 1887, 332.—Stoss., 1891, 216; 1892, 171 (to *Echinost.*).—Wedl, 1857, 246–247, pl. 1, fig. 7.—Also reported for *Plegadis falcinellus*.
- binode* (Mueller, 1776) Zed., 1803a, 215 (in a fish).—Dies., 1850a, 379.—Rud., 1809a, 439–440; 1819a, 123.
- bipartitum* (Wedl, 1855) Mont., 1893, 150.—[1902 to *Didymostoma*.]
- blanchardii* Cobbold, 1860a, 8, *Brachylæmus erinacei* Blanchard, 1847, renamed (in *Erinaceus europæus*; Paris).—Stoss., 1892, 35 (syn. of *D. lingueforme* Dies.).
- blennii* (Mueller, 1776) Zed., 1803a, 211–212.—Dies., 1850a, 344 (syn. of *D. divergens* Rud.).—Harz, 1881c, 11.—Rud., 1809a, 371 (renamed *D. divergens* Rud.).
- blicca* Linst., 1877, 185–186 (in *Blicca bjoerkna*).—Braun, 1893a, 871.—Stoss., 1886, 46.
- bolodes* Braun, 1902b, 11, 17, 18, 19, 74, figs. 12–13 (in *Fulica atra*; Rossitten (Kurische Nehrung)).
- bonnierii* Mont., 1893, 40, 42, 43, 49, 61, 82, 83, 84, 85, 86, 88, 89, 90, 91, 95, 102, 180–184, pl. 1, fig. 8, pl. 6, figs. 76–80 (in *Trigla gurnardus*; Wimereux), syn.

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- D. varicum* Mueller of Mont., 1889, 492, pl. 22, fig. 20.—Looss, 1894, 170; 1899b, 641, 642 (type of *Liopyge*).
- bosci* Cobbold, 1859d, 364, pl. 63, figs. 6-7 (includes *Fasc. colubri* Bosc, *Dist. colubri americani* Rud.) (in *Coluber* sp.); 1860a, 19; 1861e, 119; 1864, 22; 1879b, 455 (*boscii*).—Braun, 1893a, 872, 876 (*boscii*).—Staff., 1905, Apr. 11, 692 (belongs to *Zeugorchis*).—Stoss., 1895, 226.—Volz, 1899, 235, 238.—West, 1896, 322.
- boscii* Cobbold, 1879b, 455, for *bosci*, q. v.—Sons., 1892, 92.
- bothryophoron* Braun, 1892a, 700, for *botryophoron*.
- botryophoron* Ols., 1868, 42-43, fig. 92 (in *Cyclopterus*).—Ben., 1870, 51 (*batryophoron*).—Braun, 1889a, 367; 1892a, 643, 700 (*bothryophoron*), 721.—Lint., 1901, 415 (in *Clupea harengus*, *Pomolobus pseudoharengus*). 419, 437, 439, 444, 485, figs. 355, 356 (*bothryophoron*); 1905, 328, 334, 378, 397, 411, figs. 174-175 (*bothryophoron*) (in *Micropogon undulatus*, *Orthoprists chrysopterus*, *Paralichthys dentatus*).—Looss, 1899b, 729 (*bothryophoron*) (to *Hemiusurus*).—Odh., 1905, 356 (syn. of *Lecithaster gibbosus* (Rud.)), 359 (type of *Lecithophyllum*).—Stoss., 1886, 21 (in *Cyclopterus lumpus*, *Argentina silus*, *Molva abyssorum*); 1896, 128 (*bothryophoron*); 1898, 40 (*both.*).
- brachysomum* Crep., 1837a, 314 (in *Hæmatopus ostralegus*); 1846, 134, 136, 142; 1849a, 1, 68.—Braun, 1892a, 578, 583, 710, 720, 721, 723, 728, 733, 736; 1893a, 865, 874, 879; 1900, 234; 1902b, 155.—Cobbold, 1879b, 438.—Dies., 1850a, 397; 1858e, 354 (in *Hæmatopus ostralegus*).—Gamb., 1896a, 71.—Jægers., 1898, 14; 1900, 738, 739; 1901, 982 (type of *Levinisia*).—Lint., 1878, 133 (in *Hæmatopus* ost.), 136 (in *Egialites hiaticula*), 142 (in *Ardea cinerea*); 1882, 20-21; 1887, 104; 1889, 48 (in *Tringa alpina*), 50 (in *Æg. hiat.*), 55 (in *Fuligula cristata*), 56 (in *Glaucion clangula*); 1894b, 336 (in *Actitis hypoleucis*; Seeburger Sec).—Looss, 1894a, 175; 1899b, 620, 621, 622 (? type of *Levinisia*); 1901b, 207; 1902m, 703, 704, 705, 706 (type of *Levinisia* according to Luehe), 826.—Luehe, 1899k, 537, 538.—Mont., 1888, 94; 1893, 43, 83, 86, 95, 102.—Nicoll, 1906, 524.—Odh., 1900, 13; 1905, 317.—Stiles & Hass., 1902d, 20 (type of *Levinisiella*).—Stoss., 1892, 148 (includes *D. calidris* Rud.).—Villot, 1875, 475, 476; 1878, 22-24 (in *Anas glacialis*, *Ardea cinerea*), 27, 28, pl. 5, fig. 7 (in *Streptopelia interpres*, *Tringa variabilis*).—Ward, 1901, 176, 184 (type of *Levinisia* Stoss.).—Also reported for *Actitis hypoleucis*, *Anthus gracilis*, *Bucephala clangula*, *Charadrius calidris*, *C. hiaticula*, *Harelda glacialis*.
- brama* (Mueller, 1776) Zed., 1803a, 218.—Dies., 1850a, 341 (syn. of *D. globiporum* Rud.).—Harz, 1881c, 11.—Rud., 1809a, 365.
- brevicollis* Crep., 1829b, 54-55 (in *Hæmatopus ostralegus*; Greifswald).—Braun, 1901, 944; 1902b, 11, 12 (to *Psilost.*), 14, 15, 23, 26.—Cobbold, 1859d, 364; 1860a, 14.—Dies., 1850a, 363-364.—Duj., 1845a, 445.—Lint., 1887, 104.—Mehlis, 1831, col. 176.—Mueller, 1897, 19, pl. 3, fig. 2.—Nicoll, 1906, 514 (in *Hæm. ostr.*).—Stoss., 1892, 35 D. (*Dicrocalium*), 177.
- brusina* Stoss., 1889, 25-26, pl. 14, fig. 60 (in *Oblata melanura*; Trieste); 1898, 32; [1904, 197 (type of *Diphtherost.*)].—Braun, 1892a, 587, 700, 736; 1893a, 874, 910.—Looss, 1899b, 622, 623, to *Pleurogenes*.—Mont., 1893, 85, 86, 102.
- brusina* Looss, 1901d, 399, for *brusina* (in *Labrus merula*, *L. maculata*, *Crenilabrus pavo*, *C. griseus*, *C. quinque-maculatus*), 400-401; 1902h, 129.—Barbagallo & Drago, 1903, 410 to (*Brachycercum*) (in *Oblata melanura*; Catania).—Stoss., 1904, 195, 196, 197 (type of *Diphtherost.*).
- buccini* Fil., 1855b, 23.
- buccini mutabilis* Fil., 1855b, 17, pl. 2, figs. 17-18 (in *Buccinum mutabile*; Gulf of Gênes); 1857b, 433, pl. 2, figs. 17-18.—Dies., 1858d, 266 to *Cerc.* (*Acanthocephala*).—Par., 1894, 160.—Villot, 1875, 479.
- bufonis* Linst., 1877, 185 (in *Bufo vulgaris*).—Braun, 1893a, 870.—Stoss., 1889, 69.
- bursæ fabricii* Podwysozki, 1890, 157 (in *Gallus domesticus*).
- bursicola* Crep., 1837, 310, 311, 313 (in *Ardea cinerea*); 1846, 134.—Braun, 1893a, 876; 1893d, 467 (in *A. cin.*); 1901, 259 (syn. of *Echinost. cloacinum* Braun) (types in Creplin's collection, Zool. Museum, Greifswald); 1902b, 74.—Dies., 1850a, 397.—Hass., 1896a, 2 (syn. of *Cephalogonimus ovatus* (Rud.)).—Stiles, 1901k, 593; 1901l.—Stoss., 1892, 144 (syn. of *Cephalog. ov.* (Rud.) Stoss.); 1898, 23 (syn. of *Cephalog. ov.*).
- buski* Bl., 1888, 622-625, for *D. buskii*, q. v.

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- buskii* Lankester, E., 1857b, 437 (in Homo; from Asia).—Aitken, 1866, 804, syn. of *D. crassum* (Busk).—Bl., 1888a, 622 (includes *D. crassum* Busk, 1859 [nec Sieb., 1836], 623–625; 1891, 610 (buski) (syn. *D. rathouisi* Poir.).—Braun, 1895b, 141 (includes *D. crassum*); 1889a, 348; 1902b, 95; 1903, 3 ed., 153 (to Fasciolopsis); 1906, 159, 160, fig. 90 (buski).—Brunet, 1902a, 125 (buski).—Cobbold, 1858b, 167; 1860a, 5; 1866, 6; 1876, 303; 1879b, 20.—Gamb., 1896a, 63.—Huber, 1896a, 575–576.—Ijima, 1889, 131.—Kholodk., 1898, 26.—Leuck., 1863a, 587.—Linst., 1878, 3 (syn. of *D. crassum*).—Looss, 1899b, 557 (see Fasciolopsis).—Moniez, 1896, 86, 114–117, 118.—Rail., 1893a, 363, to (*Dicrocoelium*).—Simon, 1897, 209, 223.—Tyson, 1903, 3 ed., 1180.—Ward, 1895, 328 (in Homo); 1903, 867 (to Fasciolopsis); 1904, v. 39, 260.—Weinland, 1858, to *Dicrocoelium*.—Wood, 1904, v. 39, 260.
- buteonis* (Gmelin, 1790) Zed., 1803a, 221.—Dies., 1850a, 396 (in Falco buteo).—Duj., 1845a, 442.—Rud., 1809a, 430; 1819a, 119.—Stoss., 1892, 178.
- [*cæruleum* Sluiter, 1898, 4, 9, 14–16, pl. 2, fig. 4; pl. 3, fig. 11 (a tunicate).]
- cahirinum* Looss, 1896, 119–121, pl. 8, figs. 83–84 (in Bagrus bayad; Cairo); 1899, 752 (to Haplorchis).
- calceolus* Mol., 1858, 129 (in Conger conger, at Patavii); 1861, 210–211.—Braun, 1892a, 586.—Carus, 1884, 132.—Cobbold, 1860a, 25.—Dies., 1858, 342.—Stoss., 1886, 28 to (*Dicrocoelium*).
- calidris* Rud., 1819a, 120 (in Scolopax calidris).—Dies., 1850a, 323 (syn. of Monost. mutabile Zed.).—Duj., 1845a, 447.—Stoss., 1892, 148 (syn. of *D. brachysomum* Crep., 1846).
- callionymi* Ben., 1870, 53, pl. 4, fig. 8 (in Calliomynus dracunculus).—Stoss., 1886, 46.
- calyptrocotyle* Mont., 1891, 110; 1892, Oct. 7, 172, 176; 1893, 1–138, 171, 175, to (*Accacelium*), pl. 1, fig. 14; pl. 2, figs. 1–11; pl. 3, figs. 12–15, 17–21, 24–28, 30, 31; pl. 4, fig. 50; pl. 7, fig. 104; pl. 8, fig. 136 (in Beroë ovata Dch.); 1896, 151, 152.—Darr, 1902, 688.—Looss, 1894, 131, 142, 145, 165, 166, 189, 219; 1902, 639 (to Orophocotyle).
- campanulatum* Rivolta, 1884, 27, for campanulatum.
- campanula* Duj., 1845a, 435 (in Esox lucius; Rennes) to (*Crossodera*).—Cobbold, 1860a, 32 (= *D. nodulosum*).—Dies., 1850a, 381 (syn. of *D. nod.* Zed.); 1858e, 354; 1859c, 435, 436 (cf. *Gasterost. fimbriatum* Sieb.).—Kroyer, 1846–53a, 253; 1852–53a, 1221.—Moul., 1856a, 219 (in Cyprinus idus; Rennes).—Stoss., 1886, 42, to (*Echinost.*).—Tennent, 1906, 638 (syn. of *Gasterost. fimb.* Wag.) (in Esox).—Wagener, 1858, v. 1, 250, pl. 9; 1860, 165 (syn. of *Gasterost. fimb.*).—Wedl, 1857, 233–244, pl. 1, fig. 3.—Ziegler, 1883, 538 (in Cyprinus idus).
- campanula* Linst., 1886a, 125, for *D. campula* Cobbold.—Stoss., 1892, 16 (syn. of *D. oblongum* (Cobbold) Stoss.; includes *Campula oblonga* Cobbold, 1858), (in Phocæna communis at Warnemünde; and *Platanista gangetica* Cuv.).
- campanulum* Erc., 1874, 432–439, pl. 1, fig. 7 (in Canis familiaris); 1875b, —; 1875c, —; 1875d, —; 1875e, —, 39–40 (in Canis domesticus); 1875f, 278; 1875g, —; 1876a, —.—Braun, 1893a, 875; 1893e, 348, 349, 351; 1893f, 386, 387, 389, 424 (= *D. truncatum* Rud.); 1893g, 802, 803.—Cobbold, 1879b, 300.—Jong, 1887a, in dog; 1887b, 223–224 in cat; 1890a, 140; 1896a, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, fig. 2.—Rail., 1890, 131 (in cat).—Schneidemuëhl, 1896, 302 (*kampanulatum*).—Sons, 1889, 276, 277, 280, 281 (syn. of *D. conus* Crep.).—Ward, 1895, 341.—Zwaardemaker (1887), 265; 1888, 679.—Zuern, 1882, 220.
- campula* Cobbold, 1876q, 40, pl. 10, fig. 2, *Campula oblonga* renamed; 1879b, 418, 419, 423, fig. 68.—Braun, 1900g, 250.—Hoyle, 1890, 537.—Jackson, 1888, 648.—Looss, 1899, 558, 559, 560.—Mont., 1893, 44, 82.—Stiles, 1901r, 203.—Stiles & Hass., 1899, 102.—Stoss., 1892, 16 (syn. of *D. oblongum* Cobbold).
- canaliculatum* Rud., 1819a, 676 (in Sterna sp. = *galericulata* teste Dies.; Brazil).—Braun, 1901f, 561, 562; 1901g, 947; 1902b, 59, 140, 142, 144 (to Bilharziella).—Dies., 1850a, 346 (in Sterna galericulata).—Duj., 1845a, 449.—Stoss., 1892, 36, 178.
- canaliculatum* Mehlis, in Crep., 1846, 138 (in Colymbus cristatus).
- capense* Harley, 1864a, 55–72, figs. 1–16 (in Homo; Cape of Good Hope); 1864b, 173–175; 1864c, 156–157; 1864d, 161–163; 1864e, 515–517; 1864f, 142–143; 1864g, 302; 1864h, 293; 1865a, 68.—R. Bl., 1888a, 636 (syn. of Bilharzia hæmatobia).—Bourel-Roncière, 1888a, 130 (*capensis*).—Braun, 1903, 3 ed., 169.—

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- Chassaniol & Guyot, 1878a, 66.—Cobbold, 1864g, 157; 1879b, 39; 1885a, 499 (syn. of Bilh. hæm.).—Colloridi, 1891a, 856 (syn. of B. hæm.).—Almeida Couto, 1872, 4.—Crevaux, 1874a, 173 (capensis).—Duffek, 1902a, 774.—Hoyle, 1890, 538.—Huber, 1896a, 580 (syn. of Bilh. hæm.).—Leuck., 1876, v. 2 (3), 873.—Simon, 1897, 99.—Stiles, 1898a, 58.—Ward, 1895, 253 (syn. of Gynæcophorus hæm.) (in Homo).
- capitellatum* Rud., 1819a, 99, 379–380 (in *Uranoscopus scaber*; Arimini, Naples).—Braun, 1883a, 41; 1892a, 672; 1893a, 875.—Carus, 1884, 131.—Cobbold, 1860a, 26.—Dies., 1850a, 356–357.—Duj., 1845a, 456.—Jacoby, 1900, 2.—Looss, 1901, 656, 658.—Luche, 1900, 504, 506.—Mont., 1888a, 17; 1893, 18, 32, 40, 41, 42, 43, 65, 66, 83, 84, 85, 95, 97, 102, 173–176, pl. 1, fig. 13, pl. 6, figs. 69–75, pl. 7, fig. 103.—Sons., 1890, 142 (in *Uran. sc. L.*).—Stoss., 1886, 46; 1886, 47; 1892, 64; 1898, 38–39.—Will.-Suhm, 1870, 8; 1871, 182.
- capsulare* Dies., 1858e, 355, based on Wedl, 1857, v. 26, 247, pl. 1, fig. 8 (in *Ardea purpurea*, *A. nycticorax*, *A. cinerea*, *Gallinula crex*, *Podiceps nigricollis*).—Braun, 1893a, 870.—Stoss., 1892, 176 (to Agamodist.).
- carinaria* della Chiaje (1841a), 139, pl. 109, figs. 29–30.—Carus, 1884, 133.—Mont., 1888a, 195, 196.
- carinatum* Zed., 1803a, 217 (in *Cyprinus*; *Perca fluviatilis*) (includes *Fasc. longicollis*, *Dist. cyprinaceum*, *F. lagena*, *F. jesis*).—Dies., 1850a, 341 (syn. of *D. globiporum*), 365 (pars, syn. of *D. inflexum*).—Looss, 1902, 763 (and *Sphaerost. globiporum*).—Rud., 1809a, 365 (= *D. globiporum*), 366, 395 (pars = *D. inflexum*).—Stiles, 1901, 168.
- carnosum* (Hass., 1891) Leuck., 1892b, 798.—Braun, 1892a, 674; 1892, 563, *Dist. (Fasc.) carnosum*.
- carnosum* Rud., 1819a, 93, 366, 676 (in *Sparus dentex*; Naples).—Carus, 1884, 130.—Cobbold, 1860a, 22.—Dies., 1850a, 337 (in *Dentex vulgaris*).—Duj., 1745a, 458.—Mol., 1859, 833 (in *Dentex vulgaris*; Padua).—Stoss., 1885, 161; 1886, 23; 1898, 39; 1886, 59, to (*Brachylaimus*).—Also reported for *Corvina nigra*.
- carolina* Stoss., 1889, 26–27, pl. 13, fig. 55 (in *Alosa finta*; Trieste); 1898, 29.—Braun, 1891d, 423.—Looss, 1899b, 641 (= *Pronopyge ocreata*).—Mont., 1891, 17 (syn. of *Apoblemma ocreatum*): 1891, 510, 512 (syn. of *Ap. ocr. Rud.*).—Also reported for *Alosa vulgaris*.
- caryocatactis* Zed., 1800a, 163, 168, 169 (in *Corvus caryocatactes*); 1803a, 210.—Braun, 1901, 562; 1902b, 123, 125 (syn. of *Harmost. caudale*).—Dies., 1850a, 362 (syn. of *Dist. caudale*).—Rud., 1809a, 382.
- catervarium* Looss, 1896, 118–119, pl. 8, figs. 81–82 (in *Alosa finta*; Cairo).
- caudale* Rud., 1809a, 382–384 (*caryocatactis* Zed., renamed) (in *Corvus caryocatactes*); 1819a, 103.—Braun, 1893a, 874; 1901, 561, 562, 564; 1902b, 123, 124 (to *Harmost.*), 125 (of Mueller, 1897, 16 = *Urogonimus macrostomus*); 1902b, 128 (of Rud., 1809 = *Harmost. mesostomum*).—Cobbold, 1860a, 14.—Crep., 1837, 317; 1846, —.—Dies., 1850a, 362.—Duj., 1845a, 442.—Giebel, 1857, 266.—Leuck., 1863a, 477.—Looss, 1899b, 703.—Mont., 1893, 149.—Mueh., 1898, 99; 1898, 16.—Mueller, 1897, 16–17, pl. 2, fig. 7.—Olfers, 1816, 44.—Sieb., 1836, 234.—Stoss., 1892, 178.—Reported also for *Ampelis garrulus*, *Coracias garrula*, *Corvus glandarius*, *C. pyrrhocorax*.
- caudale* of Mueller, 1897, in *Coracias garrula*.—Braun, 1902b, 125 (syn. of *Urogonimus macrostomus*).
- caudale* of Will.-Suhm, 1870, 97 (in *Pyrrhocorax alpinus*).—Braun, 1902b, 124–125 (nec Rud.).
- caudatum* Polonio, 1859.—Par., 1894, 147 (in *Natrix torquata*, *Tropidonotus viperinus*; Padua), 627; 1896, 9–11, fig. 4, to (*Opisthorchis*).
- caudatum* Linst., 1873, 103–104, pl. 5, fig. 3 (in *Erinaceus europæus*); 1900, 85 (claims priority for *caudatum* over *leptostomum*).—Blochmann, 1892b, 649–652 (raised experimentally from a *Cercaria* in kidney of *Helix hortensis*).—Braun, 1892a, 570, 723; 1893a, 831, 856, 857; 1901e, 338 (= *D. leptostomum* Ols.).—Cobbold, 1879, 295.—Gamb., 1896a, 71.—Hofmann, 1899a, 189, 196, 201.—Looss, 1894, 2, 236; 1899b, 652 (to *Heterolepe*).—Mont., 1893, 149.—Roewer, 1906, 185.—Stoss., 1892, 17 (syn. of *D. leptostomum* Ols.); 1898, 24.
- caudatum* (Bosc, 1802) Steenstrup, 1859, 183.
- caudiporum* Rud., 1819a, 96, 370 (in *Zeus faber*; Arimini).—Dies., 1850a, 342, 371.—Duj., 1845a, 422 to ? (*Apoblemma*).—Wagener, 1860, 181 (in *Zeus faber*).

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- cariæ* Sons., 1890, 100 (in *Cavia cobaya*); 1897, 250.—Braun, 1903, 3 ed., 147 (syn. of *Fasc. hepatica*); 1906, 150, fig. 83.—Rail., 1893a, 342 (syn. of *Fasc. hep.*).—Stiles, 1898a, 48.—Stoss., 1892, 7 (syn. of *Cladocœlium hep.*).—Ward, 1895, 246 (syn. of *Fasc. hep.*). 328 (in *Homo*), 332 (in *Bos taurus*), 335 (in *Ovis arica*); 1903, 865 (syn. of *Fasc. hep.*).
- centra appendiculatum* Leidy, 1904a, 277, misprint for *centrappendiculatum*.
- centrappendiculatum* Leidy, 1891a, 416 (*D. appendiculata* Leidy, 1877, not Rud., renamed); 1904a, 237.
- cercatum* Mont., 1893, 40, 42, 43, 83, 95, 102, 157, host and locality not known, specimen in British Museum, to (*Urogonimus*).
- cerebrale* Yamagiwa, 1890, 457 (in *Homo*), for *D. pulmonum*, see *Paragonimus westermanii*.
- cesti veneris* Vogt, —, 299 (in *Cestum veneris*).—Braun, 1893a, 852.—Dies., 1858e, 356 (in *Cestum veneris*).—Mont., 1893, 124.
- cecticillus* Mol., 1858, 131 (in *Lophius piscatorius*; Patavii); 1861, —.—Braun, 1883a, 41; 1892a, 584, 672; 1901a, 34.—Carus, 1884, 127.—Dies., 1858e, 351–352.—Jacoby, 1900, 2.—Linst., 1903, 354.—Looss, 1899, 576 (type of *Stephanost.*), 581; 1901, 600.—Luehe, 1900, 505.—Mol., 1861, 221–223.—Mont., 1893, 41, 42, 61 (*cecticillum*), 160, 161.—Stoss., 1886, 34; 1890, 42 (*D. bicoronatum* Stoss., 1883).—Will.-Suhm, 1870, 8.
- cestoides* Ben., 1870, 17, pl. 6, fig. 9 (in *Raja batis*).—Braun, 1893a, 873.—Linst., 1903, 354.—Lint., 1901, 415, 432.—Mont., 1893, 53.—Stoss., 1886, 46.
- cylindræum* Looss, 1894a, 36, misprint for *cylindraceum*.
- characis* Stoss., 1886, 26 to (*Brachylaimus*) (in *Charax puntazzo*; Trieste); 1887, 91; 1898, 37.
- chefrenianum* Looss, 1896, 73–76, pl. 5, figs. 50–51 (in *Rhinopoma microphyllum* Geoff.; Ghizeh); 1898, 453, 454, 456, 457, 458, fig. 1 iii; 1899, 716, 717 to *Lecithodendrium*.—Stiles, 1901, 200.
- chefresianum* Looss, 1896, pl. 5 (misprint for *chefrenianum*).
- chelonix atra* Braun, 1899e, 629, see *D. pachyderma*.
- chelydræ* Staff., 1900, 406–407, fig. 5 (in *Chelydra serpentina*); 1905, Apr. 11, 690, type of *Auridist.*
- chilostomum* Mehlis, 1831, 186–187 (in bats).—Braun, 1892a, 577; 1900, 221, 222, 223; 1900, 387, 388.—Crep., 1837, 328.—Cobbold, 1860a, 7; 1879b, 294.—Dies., 1836, 240; 1850a, 349 (includes *D. noctulæ* Rud., 1819a, 119).—Kolenati, 1857, 11.—Linst., 1878, 225–226, fig. 8.—Mueh., 1898, 26.—Sieb., 1836, 234.—Stoss., 1892, 20–21 (in *Plecotus auritus*, *Vespertilio daubentonii*, *V. nattereri*, *V. murinus*, *V. mystacinus*, *Vesperugo discolor*, *V. leisleri*, *V. noctula*, *V. serotinus*).
- chilostomum* Mehlis of Ben., 1873b, 27, pl. 6, figs. 7, 8, 19.—Sieb., 1835, 56.—Stoss., 1892, 14 (syn. of *D. aristotelis*).
- chinense* Cobbold, 1876, 97 (*D. sinense*, renamed).
- chloropodis* Zed., 1800a, 164, 198–199 (in *Fulica chlorops*).—Dies., 1850a, 384 (syn. of *D. uncinatum* Zed.).—Rud., 1809a, 420.
- choledochum* Linst., 1883a, 306–307, pl. 9, fig. 49 (in *Anas* sp.); 1886, 30.—Braun, 1892a, 699; 1893a, 875; 1893, 353; 1893f, 426; 1894i, 602, 605.—Looss, 1896b, 58, 59; 1899b, 675.—Stoss., 1892, 161 (in *Anas* sp.; Turkestan).
- chrysaëti* Rud., 1819a, 119 (in *Falco chrysaëtus*).—Duj., 1845a, 441–442.—Stoss., 1892, 151 (syn. of *D. crassiusculum* Rud.).
- chrySTALLINUM* Hannover, 1864a, 3, for *crystallinum*.
- cignoides* Mont., 1888a, 40, 80, for *cynoides*.
- cimbiforme* Mont., 1896, 165, for *cymbiforme*.
- cinctum* (Rud., 1803) Rud., 1809a, 422–423, to (*Echinost.*); 1819a, 116.—Ben., 1858a, 1861a, 85.—Cobbold, 1860a, 35, to *Echinost.* (in *Vanellus cristatus*, *V. melanogaster*).—Crep., 1837, 311, 312, 316.—Dies., 1850a, 386 (includes *D. tringæ helveticæ* Rud., *Fasc. ci.* Rud.) (in *V. crist.*, *V. mel.*).—Duj., 1845a, 431.—Giebel, 1857, 265.—Linst., 1887, 104.—Mueller, 1897, 19–20, pl. 3, fig. 3 to (*Echinost.*).—Nord., 1832a, 90.—Olfers, 1816, 47.—Olss., 1876, 21.—Stoss., 1892, 172 to (*Echinost.*); 1898, 53.
- [*circumvallata* Sluiter, 1900, 8 (a tunicate).]

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- cirratum* (Rud., 1802) Rud., 1808a, xxvi, pl. 6, fig. 7; 1809a, 376; 1819a, 100-101; spelled *F. cirrosum*, Rud., 1808a, 296.—Braun, 1893a, 874; 1901, 561, 563; 1902b, 37, 38 (syn. of *D. elegans*), 39, 43 (to *Plagiorchis*), 40, 44, 45, 47, 48, 49.—Cobbold, 1860a, 12.—Crep., 1837, 317, 322, 326.—Dies., 1850a, 350 (includes *Fasc. cirrata* Rud.).—Duj., 1845a, 413 (to *Brachylaimus*).—Fil., 1855b, 8 (*cirrhatum*).—Jacoby, 1900, 20.—Looss, 1899, 703.—Luehe, 1899, 530, 531; 1901, 487.—Mueh., 1896, 589; 1896, 262-266, figs. 5, 12; 1898, 16, 27, 92.—Olfers, 1816, 44.—Stoss., 1892, 153 (includes *D. elegans* Rud., 1819a, *D. globocaudatum* Duj., 1845a); 1904, 2 (to *Plagiorchis*).—Reported also for *Egiothus linarius*, *Corvus cornix*, *C. corone*, *C. monedula*, *C. pica*, *Larus marinus*, *Sturnus vulgaris*.
- cirrhatum* (Rud., 1802) Fil., 1855b, 8, for *cirratum*.
- cirrigerum* Nord., 1840, 616, for *cirrigerum* 1827, q. v.
- cirrigerum* Baer, 1827, 553 (in *Astacus fluviatilis*).—Brand., 1891b, 264.—Braun, 1892a, 749, 751; 1893a, 859, 870 (*cirrhigerum*).—Crep., 1837, 325, 326.—Dies., 1836, 240; 1850a, 363 (syn. of *D. isostomum* Rud.).—Harz, 1881a: 1881b; 1881c, 1, 2, 3, 4, 7, 8, 9, 10, 11, 14.—Hoyle, 1890, 537.—Jackson, 1888, 648, 652.—Kampmann, 1894b, 452, 454, 457, 458, 459, 460, 462, pl. 20, figs. 11-13.—Linst., 1903, 281, 282 (*cirrigerum*); 1904, 254.—Lint., 1892, 69-70.—Looss, 1893b, 814; 1894a, 230.—Marshall & Gilbert, 1905a, 480.—Mont., 1888a, 64.—Moul., 1856, 217 (in *Astacus fluviatilis*).—Mueh., 1898, 14.—Nord., 1840, 616.—Reinhard, 1871, 8 pp.—Schneidemuehl, 1896, 302.—Sieb., 1835, 56, 59, 64, 67.—Steenstrup, 1842, 56.—Warren, 1903, Dec., 273-301, pls. 24-26 (anat., development); 1904, 15 June, 311.—Wierzejski, 1888, in 20 pp., 1 pl.—Zaddach, 1881, 893; 1881, 1 Aug., 398-404; 15 Aug., 423-431.
- cirrosum* Rud., 1808a, 296, pl. 6, fig. 2 [=7] (for *D. cirratum*).
- cladocalium* Dies., 1858c, 354 (in *Ardea minuta* [based on "Distome (*Cladocalium*) du foie du *Blongias*, Pontallié, 1853, 103"]).—Braun, 1893a, 875.—Stoss., 1892, 178.
- clathratum* DeLongchamps, in Lamouroux 1824a, 563 (in *Cypselus apus*).—Braun, 1893a, 875, 910; 1899, 714; 1902b, 109 (= *D. refertum* Mueh.).—Cobbold 1860a, 15.—Dies., 1850a, 396.—Duj., 1845a, 393-394.—Jacoby, 1900, 10, 11.—Looss, 1899, 634 (to *Dicrocoelium*).—Mueh., 1898, v. 1, 22, 26, 84-85, 86, 87, pl. 4, figs. 7, 17.—Ols., 1876, 24.—Stoss., 1892, 155.
- clathratum* DeLongchamps of Ols.—Rail., 1900, 239 (syn. of *Dicrocoelium olsoni* Rail.).—Braun, 1902b, 100, 109.
- clava* Dies., 1850a, 356 (in *Eunectes scytale*, *Hydroscopus plumbeus*, *Coluber flaviventris*, *Clelia fasciata*: Brazil); 1855, 66, pl. 3, figs. 7-8; 1858, 339.—Braun, 1892a, 568, 587; 1901b, 13, 58; 1901i, 58.—Cobbold, 1860a, 19.—Luehe, 1899, 524, 529 (type of *Telorchis*): 1900b, 151.—Sons., 1892, 92.—Stoss., 1895, 229-230.
- clavatum* (Menzies, 1791) Rud., 1808a, 260; 1809a, 387, 391-393 (includes *Hirudinella* Garsin, 1730; *Fasc. scombrici pelamidis* Tilesius), 437; 1814a, 102; 1819a, 106, 122, 394-395, 682-683, 685.—Baird, 1853a, 59, 60 includes *Hirudinella clav.* (Menzies) Blainv.; *D. clav.* Owen = *H. ventricosa*.—Barbagallo & Drago, 1903, 410 (in *Pelamys sarda*; Catania).—Ben., 1870, 37.—La Billardière, (1801), 46.—R. Bl., 1891r, 692-693, syn. *D. ingens* Moniez (in Requim).—Brand., 1891d, 16; 1898a, 208.—Braun, 1892a, 568, 571, 576, 588, 591, 592, 593, 597, 603, 605, 608, 609, 610, 611, 623, 624, 625, 630, 631, 632, 635, 636, 637, 638, 640, 641, 642, 645, 647, 664, 665, 669, 673, 675, 677, 682, 683, 684, 685, 686, 687, 688, 690, 698, 699, 700, 701, 705, 712, 713, 717, 719, 724, 726, 731, 733; 1893a, 873, 878; 1893b, 184; 1893d, 466.—Buttel-Reepen, 1900a, 585, 586, 589, 590, 592, 594, 598; 1902, 166, 167, pl. 6, figs. 7, 11a, 11b, 12; 1904, Jan. 26, 24-25; 1905, July, 52-53.—Carus, 1884, 131.—Chatin, 1887d, 1003.—Cobbold, 1860a, 21; 1867k, 200-205 (from sword-fish); 1879b, 458, 460, 461.—Crep., 1837, 316, 327.—Darr, 1902, 662, 664, 665, 666, 667, 689.—Dies., 1850a, 366-367 (includes *Hirudinella* Garsin: *Fasc. fusca* Bosc; *F. cl.* Menzies; *F. scombrici pelamidis* Tilesius; *D. coryphaenæ* Rud.) (in *Coryphaena hippurus*; Brazil; *Pelamys sarda*, *Thynnus vulgaris*); 1859c, 431.—Duj., 1845a, 459-460.—Goto, 1891a, 181 (*Distonum*).—Jackson, 1888, 644, 646, 647-648.—Jegers., 1900, 72.—Jourd., 1881a, 438-448, pls. 7-8, figs. 1-10 (anatomy); 1881b, 12 pp., pls. 7-8, figs. 1-10; 1881c, 604-605.—Juel, 1889, 13, 17, 18, 19.—Kroyer, 1838-1840a, 596 (in *Thynnus vulgaris*).—Lander, 1904a, 8.—Lint., 1898, 539-540, pl. 53, figs. 8-11; 1901b, 415, 421, 445, 448 (in *Thunnus thynnus*, *Xiphias gladius*).—

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- Looss, 1849a, 9, 113, 145, 147, 151, 152, 198, 202; 1895c, 69; 1896b, 204; 1899b, 556, 646, 739.—Moniez, 1892, 108–118.—Mont., 1888a, 23, 26, 30, 31, 38, 39, 42, 44, 47, 48; 1893, 7, 15, 20, 22, 26, 27, 33, 34, 44, 65, 66, 67, 68, 69, 73, 83, 86, 88, 89, 104, 106, 113, 135, 152.—Olfers, 1816, 46.—Osbeck, 1765, 392.—Owen, 1835, v. 1, 381–384, pl. 41, figs. 17–20; 1835, 72–73; 1837, 271–273, pl. 2.—Par., 1887, 334–335.—Poir., 1885, 4, 5, 6, 7–8, 9, 10, 14, 15, 16, 18, 22, 23, 25, 26, 27, 29, 32, 33, 37, 38, 39, 43, 45, 46, 47, 48, 51, 52, 54, 55, 56, 57, 58, 60, 62, 63, 70, 71, 73, 75, 77, 78, 79, 81, 83, 84, 88, 93, 95, 96, 97, 102, 103, 105, 107, 109, 110, 113, 116, 117, 118, 120, 121, 127, 130, 131, 133, 134, 138, 139, 142, 143, 144, 146, 147, 149, 150, 151, 152, pl. 23, fig. 1; pls. 24, 25, 26, figs. 1–3; pl. 27, fig. 1; pls. 28, 29, figs. 1, 3, 4; pl. 30, figs. 1–3; pl. 31, figs. 1–5.—Sieb., 1835, 68.—Stiles, 1901, 194 (type of *Hirudinella*).—Stoss., 1886, 46.—Wagener, 1860, 182, pl. 9, figs. 11–12 (in *Scomber pelamys*).—Ziegler, 1905, 39.—Also reported for *Scomber thynnus*.
- claviforme* Brand., 1888, 247–251, pl. 17, fig. 1 (in *Tringa alpina*).—Braun, 1892a, 568, 578, 586, 662, 700; 1893a, 874, 910.—Jacoby, 1900, 11.—Jägers., 1900, 739, 740.—Looss, 1899b, 618, 619, 620; 1902m, 704.—Luehe, 1899, 537.—Nicoll, 1906, 524.—Odhn., 1900, 13.—Staff., 1905, Apr. 11, 692.—Stoss., 1892, 148–149 to (*Brachycaelium*).—Ward, 1901, 184.
- clavigerum* Rud., 1819a, 103, 389–391, 589 (in *Bufo viridis* at Berlin, and *B. cinctus*, *Rana esculenta*, *R. temporaria*, *Hyla arborea*).—Baird, 1853a, 52 (Fasc. ranæ Froelich).—Bellingham, 1844, 424.—Ben., 1858a, 1861a, 93, 96–97.—Bettend., 1897a, 4, 5, 8, 15; 1897, 308, 309, 312, 319.—Biehring, 1888a, 234.—Brand., 1891b, 265.—Braun, 1892a, 635, 707, 715, 736, 750, 751; 1893a, 865, 879.—Cobbold, 1858b, 162, pl. 33, figs. 52–53 (in *Rana temporaria*); 1860a, 16; 1879b, 454.—Crep., 1837, 310, 311, 312, 316, 322, 325, 328, 329; 1839, 287.—Dies., 1850a, 352, 388 (includes Fasc. ranæ Froelich; *D. c. Rud.*, ex parte, as syn. of *D. retusum* Duj.); 1858, 429; 1858c, 338 (Cerc. (*Acanthocephala*) ornata), adult in *Rana temporaria*, *Pelophylax esculentus*; larva in *Planorbis cornutus*, *Hydrachus concharum*); 1859c, 429 (Cerc. armata major, in *Lymnaeus stagnalis*, *L. ovatus*, *Planorbis cornutus*; Belgia), 434 (Cerc. ornata).—Duj., 1845a, 404.—Duncker, 1881a, 23; 1882, 188; 1884a, 40.—Erc., 1881e, 77, 78, 82, 83, 84, 85, 89; 1882a, 313, 314, 318, 319, 320, 321, 325.—Fil., 1857c, 32.—Florance, 1866a, 11.—Gamb., 1896a, 72.—Hoyle, 1890, 537, 540.—Jackson, 1888, 648.—Juel, 1889, 37.—Kampmann, 1894b, 446, 448, 454, 457, 459, 460, 461, 462, pl. 20, figs. 14–18.—Kath., 1894a, 152.—Kowal., 1894d, 3; 1895, 350–351; 1902d, 9 (to *Pleurogenes*).—Lamouroux, 1824a, 562.—Leuck., 1863a, 477, 520.—Linst., 1873, 1 (Cerc. ornata La Valette is young stage); 1882, 18; 1887, 97, 98, 99, 105; 1890f, 184; 1904, 254.—Looss, 1885b, 24, 39, 40, pl. 23, fig. 15; 1893b, 810, 811 (includes *D. neglectum* Linst., 1887); 1894a, 1, 2, 82, 83, 84, 85, 87, 91–101 (1 text fig.), 102, 103, 104, 105, 106, 107, 119, 124, 126, 137, 140, 158, 159, 165, 167, 173, 176, 179, 181, 191, 192, 197, 202, 205, 206, 208, 209, 210, 211, 212, 219, 227, 228, 230, 234, 264, 270, 273, pl. 2, figs. 30–32; pl. 8, figs. 165–166, 170–175; pl. 9, fig. 189 (includes *D. neglectum* Linst., *D. medians* Olss., e. p.); 1894d, 5, 50; 1896, 94, 95; 1898, 461; 1899b, 611, 614, 617 (type of *Pleurogenes*), 622, 623.—Luehe, 1899, 536; 1901, 169.—Mol., 1859, 846–848, pl. 3, fig. 3 (in *Pelophylax esculentus*; Padua).—Mont., 1888a, 15, 65; 1893, 71, 95, 102; 1896, 152.—Much., 1898, 23.—Nickerson, 1900, 814, 815.—Noack, 1892, —.—Nord., 1840, 616.—Olfers, 1816, 44.—Pag., 1857, 17, 18, 39–40, 52, pl. 4, figs. 8–14 (in brown and green frogs).—Par., 1887, 490.—Poir., 1885, 101.—Schwarze, 1885, 76.—Sieb., 1835, 64, 65; 1836, 233, 239.—Sons., 1893, 187, 189 (in *Rana esculenta*).—Staff., 1905, Apr. 11, 684.—Stiles, 1901, 197, 198, 199, 201.—Stoss., 1889, 64; 1896, 128; 1898, 43–44.—Wolf, 1903, 612, 613, 619, 621.—Zuern, 1882, 220.
- clavigerum* Rud., 1819a, of Duj., 1845a.—Looss, 1894, 101 (renamed *D. confusum* Looss); 1896, 88, 91, 93, 94, 95.
- clupeæ* (Schränk, 1788) Zed., 1803a, 218 (in Mayfische: Rhine).—Baird, 1853a, 54 (syn. of *D. appendiculatum* Rud.).—Dies., 1850a, 371 (syn. of *D. app. Rud.*).—Rud., 1809a, 437.
- clupeæ rhenanæ* Rud., 1809a, 437–438 (includes Fasc. alosæ Hermann, 1783, F. clupeæ Schränk, 1788, *D. clupeæ* Zed., 1803); 1819a, 110 (syn. of *D. app. Rud.*).—Baird, 1853a, 54 (syn. of *D. app. Rud.*).—Dies., 1850a, 371 (syn. of *D. app. Rud.*).
- cochlear* Dies., 1850a, 357–358 (in *Sterna cantiaca*, *S. minuta*; Brazil) (*D. cochleariforme* [sternæ] Rud., 1819a, 681, renamed).—Braun, 1901, 561, 563; 1901, 895.



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- 1902b, 56 (includes *D. diesingi* Cobbold), 58 (to *Microlistrum*).—Stoss., 1892, 37, 179.
- cochleariforme* Rud., 1819a, 681–682, 687 (in *Pelecanus aquila*, ?*Sterna cantiaqua* [see *D. cochlear*], *S. minuta*, *S. sp.*; Brazil).—Braun, 1901, 561, 563; 1901, 895; 1902b, 55 (type of *Microlistrum*), 56, 58 (of Stoss., 1892, 37; Duj., 1845a, 449; Rud., 1819a, 681; pars. syn. of *Microlistrum cochlear*).—Cobbold, 1860a, 13.—Dies., 1850a, 357.—Duj., 1845a, 449.—Stoss., 1892, 37, 179.
- cochleariforme sternæ* Rud., 1819a, 681, of Dies., 1850a, 357 (renamed *D. cochlear Dies.*).
- cœlebs* Linst., 1875, 192–193, pl. 3, fig. 15 (in *Fringilla cœlebs*).—Braun, 1893a, 870.—Stoss., 1892, 176 (to *Agamodist.*).
- colomaticum* Giard & Billet, 1892a, 614–615 (in cattle; Tonkin).—Gomy, 1897a, 374, 375.—Looss, 1899b, 634; 1907, Feb. 1, 126 (in ox; Cao Bang, Tonkin).—Rail & Marotel, 1898, 30, 31, 32.—Stiles, 1898a, 57 (syn. of *Dicrocoelium pancreaticum*).—Ward, 1895, 332 (in *Bos taurus*).
- coleostomum* Looss, 1896b, 101–106, 154, pl. 7, figs. 66–68 (in pelican; Egypt); 1899b, 578, 581, 585 (type of *Ascocotyle*).—Braun, 1901b, 34.—Vaullegard, 1901, 143 (colostomum).
- collurionis* (Schränk, 1790) Zed., 1803, 211.—Cobbold, 1860a, 15.—Dies., 1850a, 396.—Rud. 1809a, 430; 1819a, 119.—Stoss., 1892, 179.
- colostomum* Vaullegard, 1901, 143 (for *coleostomum*).
- colubri* (Bosc, 1802) Rud., 1809a, 434–435 (in *Coluber sp. americana*).—See *bosci*.
- colubri americani* Rud., 1819a, 121 (*colubri*, 1809, renamed).—Cobbold, 1859d, 364 (syn. of *D. bosci*).—Dies., 1850a, 398 (includes *Fasc. colubri* Bosc).—Sons., 1892, 92.
- colubri murorum* Rud., 1819a, 121 (in *Coluber murorum*).—Dies., 1850a, 367 (syn. of *D. allostomum Dies.*).—Duj., 1845a, 452.—Stoss., 1895, 230.
- colubri natrix intestinalis* Rud., 1809a, 433–434; 1819a, 103 (syn. of *D. mentulatum* Rud.) (in *Coluber natrix*).—Dies., 1850a, 355 (syn. of *D. ment.*).
- colubri natrix pulmonalis* Rud., 1809a, 434; 1814a, 103; 1819a, 99, 377 (syn. of *D. naja* Rud.) (in *Coluber natrix*).
- colubri tessellati* Rud., 1819a, 121 (in *Coluber tessellatus*).—Dies., 1850a, 355 (syn. of *D. mentulatum* Rud.).
- columbæ Mazzanti*, 1889a, 161–165 (in *Columba livia*; Pisa), teste Par., 1894, 145; 1890, 139.—Braun, 1902b, 117.—Hass., 1896a, 2, 3 (syn. of *Mesogonimus commutatus* (Dies.)).—Sons., 1889, 283.
- commune* Olss., 1867, 31–32 (in *Labrus*).—Braun, 1891d, 424 (in *Crenilabrus griseus*).—Lint., 1901, 415, 485, 486.—Looss, 1901d, 399.—Odhn., 1901, 485, 486, 487, 494, 495, 499, 500, 503, 508; 1905, 321.—Sons., 1891, 257, 258 (in *Crenilabrus griseus*, *Labrus mixtus*).—Stoss., 1886, 32.—Also reported for *Anguilla vulgaris* Cottus bubalis, *C. scorpius*, *Crenilabrus melops*, *Labrus maculatus*, *L. sp.*
- commune* Hausmann, 1896?, 24.—Looss, 1899b, 571 (possibly identical with *Crea-dium angusticolle*).
- commutatum* Dies., 1858e, 339–340 (*D. dimorphum*, 1852, 555, pl. 16, 1 [not Dies.] renamed) (t. h. *Phasianus gallus*; Pisa).—Anacker, 1887c, 513.—Braun, 1893a, 874; 1900, 25; 1900h, 19, pl. 1, figs. 1, 2; 1902b, 116.—Caruccio, 1886, 293.—Cobbold, 1860a, 15.—Hass., 1896a, 2, 3 (to *Mesogonimus*).—Landois, 1882, 23.—Looss, 1899b, 650 (perhaps a *Clinost.*).—Mont., 1893, 155.—Rail., 1890, 131.—Schneidemuehl, 1896, 303 (*kommutatum*).—Sons., 1889, 11; 1889, 282–283; 1890, Feb. 15, 138.—Stoss., 1892, 175 (to *Mesogonimus*).
- compactum* Cobbold, 1859d, 363, pl. 63, figs. 1–3 (in lung, *Viverra mungos*); 1861, 118; 1864, 16, fig. 2; 1879, 299, 419; 1884g, 976.—Braun, 1892a, 663; 1893a, 876; 1899g, 492, to *Paragonimus*; 1901e, 329, 330, 333, 334.—Kerbert, 1878a, 272.—Mont., 1893, 83, 155.—Sons., 1884, 19.—Stiles & Hass., 1890a, 605, to *Paragonimus*.—Stoss., 1892, 31 (to *Mesogonimus*).—Also reported for *Mungos fasciatus*.
- complanatum* Rud., 1814a, 103–104 (in *Ardea cinerea*; Berlin); 1819a, 98, 376–377, 680.—Braun, 1893a, 873; 1899g, 465, 485, 486, 489 (specimens from Pavia and Cagliari, as syn. of *Clinost. heterost.*), 490; 1900h, 14, 15, 17, 18, 19, 23 to *Clinost.*, 24, 25, 26, 27, 28, 29, 30; 1900, 141; 1901, 561.—Cobbold, 1860a, 9.—Dies., 1850a, 338 (to *Dist.*), (t. h. *Ardea cinerea*; Berlin), 354.—Duj.,

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- 1845a, 399–400 to (*Dicrocoelium*).—MacCallum, 1899, 697, 706.—Olfers, 1816, 44.—Par., 1887, 23 (syn. of *D. hians*) (to Clinost.); 1887, 489.—Stoss., 1892, 160.
- complanatum* from *Ardea cinerea* and *Nycticorax griseus*, labeled *complanatum* (=hians) of Genueßer Sammlung, from Pavia and Cagliari, are according to Braun, 1900h, 19, identical with Clinost. heterost.
- complanatum* Erc. of Par., 1894, 144, and Ward, 1895, 341, from *Canis* fam., misprint for *campanulatum*.
- complexum* Stiles & Hass., 1894e, 425–426, pl. 1, figs. 3–4, to (*Dicrocoelium*) (in *Felis catus* dom.; U. S. A.); 1894f, 89–91.—Braun, 1900h, 16.—Looss, 1896, 58; 1899b, 565 (to *Metorchis*).
- complicatum* Mehlis, 1846, 141 (in *Haliaëtus carbo*).—Crep., 1846, 141.
- concarum* Crep., 1825a, 45–47, 83, figs. 7–8 (in *Colymbus rufogularis*); 1837, 310, 314, 318; 1846, 138, 141, 145, 146.—Braun, 1893a, 874, 879; 1900h, 6; 1901, 564.—Cobbold, 1860a, 11.—Dies., 1850a, 340–341.—Duj., 1845a, 448.—Jacoby, 1900, 22, 23.—Jägers., 1898, 9, 10, 12, 14, 16.—Kowal., 1894, 2; 1895, 350.—Looss, 1899b, 586 (to *Tocotrema*); 1900, 607, type of *Cryptocotyle*.—Luehe, 1899, 539 (type of *Cryptocotyle*).—Mueh., 1898, 4, 19–21, 27, 80–83, figs. 6, 20, 26.—Stoss., 1892, 158; 1897, 10; 1898, 42.—Reported for *Alca torda*, *Anas clangula*, *A. fusca*, *A. glacialis*, *A. hornschuchii*, *A. marila*, *Bucephala clangula*, *Colymbus cristatus*, *Fuligula marila*, *Harelda glacialis*, *Larus glaucus*, *Mergus merganser*, *M. serrator*, *Podiceps nigricollis*.
- confusum* Looss, 1894a, 2, 17, 83, 84, 91, 92, 93, 95, 96, 99, 101–104, 105, 106, 108, 113, 126, 135, 137, 149, 150, 159, 167, 177, 179, 180, 181, 182, 191, 192, 197, 210, 211, 212, 214, 216, 217, 227, 228, 230, 234, 256, 263, pl. 2, figs. 33–35, pl. 8, figs. 164, 167 (*D. clavigerum* of Duj., 1845a, 404 (in *Rana esculenta*; Paris, Rennes), renamed; includes also *D. clavigerum*, ex parte, and *endolobum* e. p., of Pag., and *clavigerum* of Pachinger); 1893b, 810, 811; 1894d, 17; 1896b, 88, 91, 92, 93, 94, 95; 1898a, 460, fig. 2; 1899b, 556, 614, 616, 622, 623 (type of *Prostotocus*).—Luehe, 1901p, 169.—Mueh., 1898, 23.—Nickerson, 1900, 814, 815.—Stiles, 1901, 197.
- conicum* Polonio, 1859, teste Par. 1894, 627 [see also *Diplost. conicum*].—Anacker, 1892c, 94.
- conis* Crep. (misprint for *D. conus* Crep., in Perroncito, 1886, 250).
- conunctum* Rivolta, 1884, 26, for *conjunctum*, 1860.
- conjunctum*<sup>a</sup> Cobbold, 1860a, 8 (t. h. American *Canis fulvus*); 1860, 349; 1861, 118; 1864, 20–22, pl. 2: 1873, 81; 1876, 210; 1879b, 28, 30–34, 299, fig. 56; 1883, 401, fig. 16.—R. Bl., 1888a, 612–614 (two (all to date) human infections, review), figs. 314–315, 631; 1891, 610 (syn. of *D. conus*).—Braun, 1883a, 65–66; 1892a, 642, 663, 748; 1893, 349, 352; 1893a, 874, 882; 1893f, 386, 389, 425; 1894i, 605; 1895b, 147–148, 151, fig. 65; 1903, 3 ed., 163 (of Cunningham and McConnell, renamed *Opisthorchis noverca*), 164, fig. 113 (from *Canis fulvus*).—Brunet, 1902a, 125.—Dunglison, 1893, 338.—Fitz, 1876b, 517.—Gamb., 1896a, 63.—Hackley, 1886, 519.—Hahn & Lefèvre, 1884a, 545–546 (= sinense).—Huber, 1896a, 578 (= *O. noverca*).—Ijima, 1889b, 146.—Jamison, 1897a, 74.—de Jong, 1887a, 57; 1896a, 2.—Kamensky, 1900a, 17, 23.—Kholodk., 1898, 26, 29–30, pl. 11, fig. 13.—Kuech. & Zuern, 1881, 335.—Leuck., 1889, 355, figs. 162–163.—Lewis & Cunningham, 1872, 168.—Linst., 1873, 100.—Looss, 1899b, 565 (to *Metorchis*); 1905, 90 (of Lewis & Cunningham, syn. of *O. noverca*).—Maddox, 1867, 95.—Manson, 1901, 540 (in *Homo*); 1903, 3 ed., 635, fig. 98 (McConnell in an East Indian, 1874, apparently of but slight pathological importance).—McConnell, 1875, Aug. 21, 271–274, figs. 1–3; 1875, Oct., 772–780, figs. 1–3; 1876, Mar. 4, 343–344, figs. 1–3; 1876, Apr., 242–246, figs. 1–3 (case in man); 1876, July, 314–317; 1878, Mar. 30, 343, 476.—Montez, 1896, 86, 122–125, 137.—Mont., 1893, 83 (*coniunctum*), 95.—Mosler & Peiper, 1894, 178.—Neumann, 1892, 529–530, fig. 284.—Perroncito, 1882, 285; 1886, 250, 297.—Rail., 1886, 297; 1893a, 365 to (*Brachylaimus*).—Schneidemuehl, 1896, 302 (*kongenitum*).—Simon, 1897, 209, 223–224.—Sons., 1889, 276, 277, 278, 280; 1889, 281 (syn. of *D. conus* Crep.).—Stiles, 1904i, 34 (to *Metorchis*).—Stiles & Hass., 1894e, 429–430, pl. 3, figs. 13–15 (consider form from man

<sup>a</sup> All references to "*Distoma conjunctum* Cobbold" as a parasite of man are based upon the findings of Cunningham, McConnell, and Lewis, and refer in reality to *Opisthorchis noverca*, q. v.

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- distinct).—Stoss., 1892, 24–25 (syn. of *D. conus*).—Tyson, 1903, 3 ed., 1180.—Ward, 1895, 238 (man, dog), 328 (*Homo*), 341 (in *Canis familiaris*).—Wood & Fitz, 1897, 335.
- conjunctum* of Lewis and Cunningham, in *Homo*, India; see *Opisthorchis noveca*.
- conoideum* (Bloch, 1782) Rail., 1886, 297; 1893a, 366 (syn. of *D. echinatum* Zed.; includes *excavatum* Rud., 1819, *echiniferum* La Val., 1855, ? *militare* Rud., 1809; cf. *Cerc. echinatosides* Fil., *C. echinifera*, *C. spinifera*); in ducks, geese, swan, etc., and dog.—Ward, 1895, 341 (in *Canis familiaris*).
- conostomum* Olss., 1876, 17–18, pl. 3, fig. 37 (in *Coregonus oxyrrhynchus*).—Braun, 1892, 45; 1892a, 663, 699, 711, 722; 1893a, 872; 1901b, 9, 10, 12.—Looss, 1899b, 605, thinks it a *Spathidium*; 1901l, 558.—Luehe, 1900aa, 507.—Mont., 1893, 95, 102.—Odhn., 1902, 65, 67.—Stoss., 1886, 22, 62 (in *Coregonus oxyrrhynchus*).
- constrictum* Mehlis, in Creplin, 1846, 142, 143 (in *Anas mollissima*, *A. nigra*).—Crep., 1846, 142, 143.—Dies., 1850a, 397.—Stoss., 1892, 180.—Reported also for *Anas fusca*.
- constrictum* Leared, 1862, 271–273, fig. 21 (in edible turtle).—Braun, 1892a, 569, 763, 764; 1893a, 876 (in *Chelone mydas*); 1893d, 467; 1899b, 715 (= *D. mistroides*).—Cobbald, 1879b, 35.—Laveran & R. Bl., 1895, 104.—Leuck., 1861, 79.—Looss, 1899b, 554, 656 (type of *Hapalotrema*).—Moniez, 1896, 143.—Mont., 1896, 144, renamed *mistroides*.—Stoss., 1895, 230.
- constructum* Staff., 1900, 407, misprint for *D. constrictum* Leared.
- continuum* Ariola, 1899, 6–8, pl. 1, fig. 6 (in *Carcharias rondeletti*; Genova).—Linst., 1903, 354.
- contortum* Rud., 1819a, 118, 424–425 (in *Orthagoriscus mola*; Naples), 595.—Bellingham, 1844a, 427.—Braun, 1892a, 578; 1893a, 872, 910.—Cobbald, 1879b, 458.—Crep., 1837, 310, 311.—Dies., 1850a, 394; 1858e, 353 (in *Orth. mola*).—Drago, 1902, v. 15, 20; 1904, v. 79, 4 pp., 1 fig.; 1904, v. 17, 720.—Drumond, —, 240.—Duj., 1845a, 469.—Kroyer, 1852–53a, 745 (in *Orth. mola*).—Linst., 1898, 528–530, pl. 48, figs. 3–7; 1901, 415 (in *Mola mola*), 422, 466.—Looss, 1894a, 165, 190; 1899b, 631 (type of *Accacœlium*).—Luehe, 1900, 487.—Mont., 1888a, 7, 8, 12; 1888, 198, 199; 1891, 110; 1893, 13, 14, 19, 22, 23, 27, 29, 30, 32, 33, 34, 36, 37, 40, 44, 46, 47, 61, 64, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 90, 93, 94, 95, 97, 102, 107, 108, 113, 115, 119, 120, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 150, 152, 169, pl. 1, fig. 12, pl. 3, figs. 16, 22, 25, 26, 32, pl. 4, figs. 33–37, pl. 8, figs. 123 (type of *Accacœlium*); 1896, 151, 153.—Olss., 1876, 17.—Sons., 1890, 140 (in *Orth. mola* L.); 1891, 265.—Stoss., 1896, 190, to (*Podocotyle*).
- conum* Huber, 1896a, 578 (refers to Stoss., syn. of *D. conjunctum*=*O. noveca*); see *conus* Crep.
- conus* Crep., 1825, 50–53 (in *Felis catus* dom., *Canis vulpes*); 1837, 310; 1839, 286, 288.—Baillet, 1866b, 105 (includes *Amphist. truncatum* Rud.).—R. Bl., 1891, 610 (syn. *D. conjunctum*).—Braun, 1892a, 580, 613, 663, 699; 1893a, 875; 1893f, 382, 383, 384, 386, 387, 388, 389, 390, 391, 424 (of *Sons.* in dogs and cats in Italy, syn. of *D. felineum*); 1893g, 802 (= *Amphist. truncatum* Rud.).—Cobbald, 1875n, 819 (*Distoam*); 1884g, 976.—Dies., 1850a, 404 (syn. of *Amphist. truncatum*); 1858e, 349–350 (in *Canis vulpes*; *Felis catus* dom.) (to *Dist.*).—Duj., 1845a, 331, 440.—Hahn & Lefèvre, 1884a, 538.—Hilgendorf, 1870, 566–567.—de Jong, 1896a, 2, 3, 4, 6.—Kamensky, 1900a, 5.—Leuck., 1863a, 589.—Linst., 1878a, 43, 44.—Moniez, 1896, 136, 139.—Sons., 1889, 273, 276, 277, 278, 279, 280, 281 (syns. *Amphist. truncatum* Dies., *D. campanulatum* Erc., *D. conjunctum* Cobbald, *D. felineum* Rivolta, *D. truncatum* Erc.); 1890, v. 7 (3), 15 Feb., 134–138.—Stoss., 1892, 24, 25 (includes *D. truncatum* Erc., *D. conjunctum* Cobbald, *Amphist. truncatum* Dies.) (in *Vulpes vulgaris*; *Canis fulvus*, America; *Canis familiaris*, Pisa; *Felis domestica*).—Wagener, 1857, 102, pl. 22, figs. 1, 2; 1858, 102.—Ward, 1895, 341 (see *D. truncatum*) (in *Canis familiaris*).
- conus* of Gurlt, 1831, 193, 373–375, pl. 8, figs. 34–36 (nec Crep., 1825).—Braun, 1893f, 383, 384, 385, 386, 387, 389, 390, 422 (syn. of *D. felineum*); 1903, 3 ed., 157 (syn. of (*Opisthorchis felineus*)).—Dies., 1858e.—de Jong, 1896a, 10.—Rail., 1893a, 361 (= *D. fel.*).—Ward, 1895, 243 (syn. of *D. fel.*), 328 (in *Homo*), 341 (in *Canis fam.*); 1903, 869 (syn. of *Opisth. fel.*).
- conus* of Sons., 1889 (sub *D. truncatum*), see *felineus*.—Braun, 1892, 580, 613, 663, 699; 1893, 874; 1893e, 348, 349, 350, 352; 1893f, 386, 424.

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- convolutum* Brand., MS. in Braun, 1901f, 565, in *Platalea ajaja*; 1902b, 24 (syn. of *Mesaulus grandis*).
- cornifrons* Leidy, 1878, 382–383 (in *Donax fessor*).
- cornu* Zed., 1800a, 180–181, pl. 2, fig. 1–3 (in *Ardea cinerea*; Europe).—Dies., 1850a, 327 (to *Monost.*).—Nord., 1840, 627 (to *Amphist.*).—Rud., 1809a, 346 (to *Amphist.*).
- coronarium* Cobbold, 1861e, 119 (in *Alligator mississippiensis*; died in England); 1864, 17; 1879b, 455 (All. miss.).—Braun, 1892a, 699; 1899, 630; 1901b, 34.—Looss, 1896b, 114, 117, 118; 1899b, 575, 581, to *Acanthost.*—Luehe, 1899, 532.—Par., 1896, 7–9, fig. 3, to (*Echinost.*).—Pavesi, 1881, 294.—Stoss., 1895, 230; 1899.—Also reported for *Crocodylus americanus*.
- coronatum* Rud., 1819a, 686 (in *Didelphis? virginiana*; Brazil).—Braun, 1900, 27; 1901e, 318, 319, 320, 323.—Cobbold, 1879b, 432.—Dies., 1850a, 400 (to *Rhopalophorus*).—Duj., 1845a, 425.—Looss, 1899b, 581.—Stiles & Hass., 1898a, 93, 96 (type of *Rhopalias*).—Stoss., 1892, 30–31 (to *Echinost.*).
- coronatum* Wagener, 1852, 567–569, figs. 4–6 (in *Corvina nigra*; Nice).—Braun, 1892a, 579, 583, 643; 1901b, 34, 1901, 568; 1902b, 28, 30, 31.—Carus, 1884, 127.—Dies., 1856, 64; 1858e, 352 (in *Corvina* (*Sciæna*) *nigra*).—Looss, 1899b, 578, 581, 582, 583, type of *Anoikost.*—Mont., 1893, 84 (? of Dies. or of Wag.).—Stoss., 1885, 157; 1886, 37.
- coronatum* Rentsch, 1860, 38, pl. 11, fig. 2a, 41 (in *Gasterosteus spinachia*).
- corpulentum* Lint., 1905, 327, 334, 378, 382, figs. 180–182 (in *Lagodon rhomboides*, *Orthopristis chrysoterus*; Beaufort, N. C.).
- corrugatum* Duj., 1845a, 409–410 (in *Sorex tetragonurus*; Rennes), to (*Brachylaimus*).—Braun, 1901e, 341, 342.—Cobbold, 1879b, 296.—Dies., 1850a, 360.—Stoss., 1892, 13.
- corrinx* Stoss., 1886, 46–47, pl. 7, fig. 29 (in *Corvina nigra*; Trieste); 1886, 36; 1898, 56; 1899, 15.—Braun, 1892a, 579; 1902b, 31.—Looss, 1899b, 578, 581.—Mont., 1893, 83.
- coryphænx* (Boec., 1802) Rud., 1809a, 436–437 (includes *Fasc. fusca* Boec., 1802; *F. cory.* Boec., 1802; *F. caudata* Boec., 1802; *F. coryphænx hippuridis* Tilesius); 1819a, 122, 685 (in *Coryphæna hippuris*).—Baird, 1853a, 60 (syn. of *Hirudinella ventricosa*).—Cobbold, 1879b, 460 (*coryphænx*), 461 (*coryphænx*).—Dies., 1850a, 367 (syn. of *D. clavatum* Rud.), 373 (syn. of *D. tornatum* Rud.).—Poir., 1885, 6.
- coryphænx* Cobbold, 1879b, 460, for *coryphænx*.
- coryphænx* Cobbold, 1879b, 461, for *coryphænx*.
- [*costæ* D. Valle (a tunicate).]
- cratum* Huber, 1896a, 575, misprint for *crassum*=buskii.
- crassicaudatum* Busch, 1851, 99–100, pl. 15, fig. 13 (in *Sagitta*).—Wagener, 1860, 166.
- crassicolle* Rud., 1809a, 378–379 (in *Salamandra atra*) (*Fasc. salamandræ* Frelich, renamed); 1819a, 102, 385–386.—Baird, 1853a, 52.—Braun, 1892a, 603, 681; 1893a, 881; 1895b, 128, fig. 45.—Cobbold, 1860a, 18.—Crep., 1837, 316; 1846, 147, 148.—Dies., 1850a, 356; 1858, 339 (in *Triton marmoratus*).—Duj., 1845a, 404–405, to (*Brachycoelium*).—Kampmann, 1894b, 454, 457.—Kerbert, 1881a, 536, 573.—Linst., 1887, 97, 98.—Looss, 1894a, 1, 82, 83, 84; 1899b, 611, 612, 613, 614, 618; 1902m, 705, 769, 773, 774, 816, 821, 822 (type of *Brachycoelium*).—Luehe, 1899, 536; 1900, 562, 563.—Minot, 1878a, June 11, 1–12, pl. 1, figs. 1–17.—Mont., 1888a, 25, 38.—Olfers, 1816, 45.—Par., 1896, 2; 1896, 13–16 to (*Dicrocoelium*) (includes *D. enterarchos* Fil., *D. salamandrinæ perspicillatæ* Sons.).—Pontallié, 1853, 211–219.—Stiles, 1901, 196, 198, 199, 200, 201, 202.—Stiles & Hass., 1898a, 83, 97 (type of *Brachycoelium*).—Stoss., 1889, 63; 1895, 214–215; 1897, 9; 1898, 32.—Ziegler, 1883, 545.—Also reported for *Anguis fragilis*, *Rana temporaria*, *Salamandra maculosa*, *Salamandrina perspicillata*, *Triton alpestris*, *T. cristatus*, *T. punctatus*, *T. tæniatus*.
- crassiusculum* Rud., 1809a, 373, 408–409, 429 (in *Falco melanaetus*) (*Plan. bilis* Braun; renamed); 1819a, 112.—Braun, 1891d, 424 (in *Circus æruginosus*); 1892a, 583, 584, 610, 663; 1893a, 875; 1893, 353; 1893f, 426; 1901, 561; 1902b, 8, 10.—Cobbold, 1860a, 15.—Crep., 1837, 326; 1846, 129.—Dies., 1850a, 376 (includes *D. felleum falconis chrysaëti* Viborg); 1858e, 353 (in *Falco buteo*).—Duj., 1845a, 441–442.—Linst., 1873, 99.—Looss, 1896b, 58; 1899b, 677 (to

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- Metorchis).—Mont., 1893, 15.—Mueh., 1898, v. 1, 21, 23–24, 87–89. fig. 1.—Olfers, 1816, 46.—Stoss., 1890, 50; 1892, 151.—Wedl, 1857, 244–245, pl. 1, fig. 4.—Also reported for *Aquila chrysaetos*, *Archibuteo lagopus*, *A. vulgaris*, *Buteo vulgaris*, *Circus æruginosus*, *C. rufus*, *Colymbus septentrionalis*, *Falco albicilla*, *Mergus serrator*, *Nyctea nivea*.
- crassum* Sieb., 1836, 234 (in *Hirundo urbica*) (“Hoden — zwischen dem Porus anticus und posticus verborgen”); 1848, 143.—Braun, 1893a, 874; 1902b, 46, 94–95.—Crep., 1837, 327, 328; 1846, 133.—Dies., 1850a, 397.—Leuck., 1863a, 587.—Looss, 1899b, 557.—Poche, 1907, 126.—Stoss., 1892, 156.—Also reported for *Hirundo domestica*.
- crassum* Cobbold, 1860a, 5–6 (*buskii* Lankester, renamed; in *Homo*); 1864a, 192–194, fig. 42; 1866, 6; 1875i, 423; 1876g, 285–296, 1 fig.; 1876h, 210, 211; 1876i, 297–305, 1 fig.; 1879b, 17, 20–28, 421, 480, fig. 2; 1883, 401; 1884g, 976.—Aitken, 1866, 804, 839; 1872, 146, 205; 1874, 58.—Anders, 1903, 6 ed., 1245.—Aschoff, 1892, 495.—Bassi, 1875b, 507.—Biermer, 1863a, 395 (*grassum*).—Braun, 1883a, 62–63; 1902b, 95; 1903, 3 ed., 153 (syn. of *Fasciolopsis buskii*); 1906, 159, fig. 90.—Brunet, 1902a, 125.—[Budd, 1845, 399, fig. 20; 1846, 390, fig. 20; 1846, 444; 1852, 484, fig. 20; 1857, 494, fig. 20.]—Busk, 1859.—[Clarke, 1894b, 244–245, fig. 21.—Dav., 1877a, lxxvii, 258–259.—Dunglison, 1893, 338, 820.—Eichhorst, 1901a, 301.—Gamb., 1896a, 63.—Hackley, 1886, 518, fig. —, 882.—Hahn & Lefevre, 1884a, 541–542, 544.—Harley, 1864a, 62.—Hoyle, 1890, 538.—Huber, 1896a, 575 (*cranum*).—Jackson, 1888, 653.—Jacob, 1891a, 1287.—Jamieson, 1897a, 73.—Kholodk., 1898, 30, pl. 11, fig. 15.—Leidy, 1891, 234; 1904a, 239–241 (includes *Fasc. magna*).—Leuck., 1863a, 526, 586–588, fig. 196; 1876, v. 2 (3), 870, 871.—Looss, 1899b, 557, to *Fasciolopsis*; 1905, 110 (syn. of *Fasciolopsis buskii*); 1907, Feb. 1, 124.—Manson, 1880, May, 66; 1901, 440, 543; 1903, 3 ed., 631, 639.—Moniez, 1896, 114, 115.—Mosler & Peiper, 1894, 176.—Oppenheim, 1900, 181.—Packard, —, 522.—Rail., 1893a, 363–364 (includes *D. buskii* Lankester, 1857; *D. (Dicrocoelium) buskii*).—Roberts, 1888, 673.—Simon, 1897, 223 (*cranum*).—Sincclair, 1891, Dec. 26, 1468.—Smith, 1881, July, 14 [= ? *Tænia solium* or *T. saginata*].—Stoss., 1892, 27 (syn. of *D. rathouisi* Poir.).—Verrill, 1870, 171.—Vogt, 1878, 10, 14.—Wagner, 1883, 121.—Walker, 1891, 5 Oct., 1205, figs. 1–2.—Ward, 1895, 328 (syn. of *D. buskii*); 1903, 867 (syn. of *Fasciolopsis buskii*).—Wood & Fitz, 1897, 335.
- crassum* Oles., 1876, 25, pl. 4, figs. 27–28 (in *Hirundo urbica*) [nec Sieb., 1836].—Braun, 1902b, 46 (? syn. of *Plagiorchis maculosus*), 94, 95.—Looss, 1899b, 557 (? syn. of *maculosum* Rud.).
- crassum* Cobbold, of Leidy, 1891, p. p., 234; 1904a, 239–241 (in *Cervus virginianus*, *Bos taurus*).—Stiles, 1898a, 51 (syn. of *Fasc. magna*).—Ward, 1895, 253, 332, 335, 338 (in *Bos taurus*, *Ovis aries*, *Equus caballus*) (p. p. syn. of *Fasc. magna*); 1903, 866.
- crenatum* (Rud., 1802 [nec Frelich, 1802]) Rud., 1809a, 387 401, 404–405, pl. 5, fig. 1 (in *Gasterosteus aculeatus*); 1810a, 376; 1819a, 110 (syn. of *D. appendiculatum* Rud.).—Dies., 1850a, 371 (syn. of *D. app.*).—Lander, 1904a, 1 (to *Hemimurus*).—Luehe, 1901, 399 (extensive synonymy), 401 (not Rud., 1810, 376, from *Salmo salar*), 402.—Mont., 1891, 497, 522.—Odh., 1905, 352 (type of *Brachyphallus*).—Olfers, 1816, 46.—Wagener, 1860, 166, 183 (in *Gast. ac.*).
- crenatum* Mol., 1859, 840–842, pl. 1, fig. 3 (in *Centrolophus pompilius*; Padua).—Braun, 1893a, 873.—Carus, 1884, 125.—Looss, 1899b, 640 (to *Hemimurus*).—Luehe, 1901, 399 (not Rud.), 402 (cf. *D. excisum* Rud.).—Odh., 1905, 352 (to *Brachyphallus*).—Stoss., 1886, 14; 1898, 27.
- [*cristallinum* Ren. (a tunicate).]
- crustatum* Rud., 1819a, 117–118, 422–423 (in *Stromateus fiatola*; Arimini).—Carus, 1884, 128.—Cobbold, 1860a, 37.—Crep., 1837, 311.—Dies., 1850a, 393.—Duj., 1845a, 432.—Mont., 1893, 193.—Stoss., 1886, 47.—Also reported for *Hippocampus brevirostris*.
- croaticum* Stoss., 1889, 183–184, pl. 4, figs. 5–7 (in *Carbo graculus*; Fiume, Croatia); 1890, 131; 1892, 165 (to *Echinost.*).—Braun, 1891d, 421; 1892a, 763, 765; 1893a, 911.—Reported for *Carbo cormoranus*.
- crocodili* Poir., 1886, 30–32, pl. 1, figs. 4–5 (in *Crocodilus siamensis*).—Braun, 1892a, 722.—Looss, 1899b, 575, 578.—Mont., 1893, 43, 83, 86, 95, 102.
- crotali* Humboldt [an arachnoid, now in *Porocephalus*].—Dies., 1836, 21; 1850a, 612 (syn. of *Pentast. proboscideum*).—Leidy, 1850b, 97 (syn. of *Pentast.*

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- prob.); 1904a, 32.—Nord., 1840, 645 (to Porocephalus).—Rud., 1809a, 433.—Stiles, 1891a.
- crotali durissi* Rud., 1809a, 433 (for *crotali*), 434; 1814a, 103; 1819a, 124 (syn. of *Pentast. proboscideum*).
- crucibulum* (Rud., 1819) Duj., 1845a, 435. to (*Crossodera*) (in *Muræna conger*; M. cassini).—Dies., 1850a, 322 (to *Monost.*).—Tennent, 1906, 640 (to *Gasterost.*).
- cryptobothrium* Ben., 1870, 1871a, 31, pl. 5, fig. 16 (in *Trigla gurnardus*; Belgium).
- crystallinum* Rud., 1819a 100, 380–382, 595 (in *Rana esculenta*, *R. temporaria*, *Bufo viridis*, *B. igneus*, *Vipera berus*; Berlin).—Bettend., 1897, 308, 311, fig. 28, fig. 4; 1897a, 4, 7, pl. 1, fig. 4.—Brand., 1888a, 14.—Braun, 1893a, 875.—Dies., 1850a, 352 (to *Dist.*); 1858e, 338.—Duj., 1845a, 453–454.—Han-nover, 1864a, 3 (*chrystallinum*).—Pag., 1857, 39, 46, pl. 4, fig. 6 (in *Frosch*).
- cteniceps* Leidy MS. in Stiles & Hass., 1894d, 249 (manuscript name found in bottle containing parasite of Muskrat, published as *D. echinatum*; see Leidy, 1888, 126–127) (in *Fiber zibethicus*).
- cucumerinum* Rud., 1809a, 360–361 (in *Avis riparia*; gen. sp. incert.); 1819a, 94.—Braun, 1899f, 465–468 (is a *Monost.*); 1901, 561.—Dies., 1850a, 338 (to *Dist.*).—Olfers, 1816, 44.—Stoss., 1902, 9, 32 (to *Typhlocelum*).
- cuneatum* Rud., 1809a, 358–359 (in *Otis tarda*); 1819a, 93 (Greifswald).—Anacker, 1892c, 94.—Braun, 1893a, 877; 1893d, 467; 1901, 13, 15; 1901, 561; 1902b, 69, 72, 73, 74, 79 (= *D. ovatum* autt. (nec *D. ov. Rud.*); *Fasc. ov. Rud. part*) (to *Prosthogonimus*).—Cobbold, 1860a, 9.—Crep., 1846, 134.—Dies., 1850a, 336 (to *Dist.*) (in *Otis tarda*; (*Gryphæ*, Rud., intestine) (in *Pavo cristatus*, Gurlt)).—Duj., 1845a, 445.—Looss, 1899b, to *Prosthogonimus*.—Luehe, 1905, 159.—Olfers, 1816, 44.—Schneidemuehl, 1896, 303 (*kuneatum*).—Stoss., 1892, 180.
- cuspidatum* Looss, 1896b, 97–101, 104, pl. 7, figs. 64–65 (in *Milvus parasiticus*; *Matarieh*); 1899b, 578, 581, 584 (type of *Centrocestus*).—Braun, 1901b, 34.
- cyclopteri* Rud., 1809a, 438 (in *Cylopterus lumpus*); 1819a, 121.—Dies., 1850a, 373 (syn. of *Dist. reflexum*), 398.—Stoss., 1886, 47.
- cygni oloris* Dies., 1858e, 344 (syn. of *D. echinatum*), based on Bellingham, 1844a, 427.
- cygnoides* Zed., 1800a, xxiv, 163, 175–176 (in *Rana esculenta*); 1803a, 213.—Baird, 1853a, 51.—Ben., 1858a, 1861a, 189, 203, 214.—Bensley, 1897a, 326–331, figs. 1–6 (2 forms); 1897, 293.—Braun, 1883a, 56; 1892a, 569, 634, 635, 698, 711, 712, 761, 762, 764, 768, 773, 776, 780, 782, 783, 785, 788, 790, 797, 798, 806; 1893a, 854, 865, 876, 882; 1893d, 467; 1895b, 18, 129; 1899g, 492 to *Phyllodist.*; 1901b, 9, 10, 12; 1902b, 22.—Cobbold, 1858b, 162; 1860a, 15; 1872b, 91; 1879b, 49, 454.—Crep., 1837, 310, 323, 324, 326.—Desmonceaux, 1868, 21.—Dies., 1850a, 342 (includes *D. hylæ* Rud.); 1858d, 272; 1858e, 334 (to *Dist.*) (*Cerc. (Acanthocephala) macrocerca* (adult in *Pelophylax esculentus*; *Bombinator igneus*; *Dendrohyas viridis*; *Rana temporaria*; *R. pipiens*; *R. palustris*; *R. halcina*; *Salamandra maculata*; *S. (Amblystoma) rubra*; *S. salmonea*; young in *Pelophylax esculentus*; larva in *Cyclas cornea*).—Duj., 1838a, 7 (embryo); 1838c, 47; 1845a, 396–397 to (*Dicrocoelium*).—Fil., 1855b, 24, 25; 1857c, 32.—Florance, 1866a, 6, 12.—Fraip., 1880c, 418.—Gamb., 1896a, 72.—Hahn & Lefèvre, 1884a, 516.—Kampmann, 1894b, 446.—Kerbert, 1881a, 566, 575.—Kowal., 1894, 3.—Leidy, 1851b, 207; 1856, 44; 1904a, 48–49 (in *Rana pipiens*, *Salamandra maculata*, *S. (Amblystoma) rubra*), 87 (in *R. palustris*, *R. halcina*, *S. salmonea*).—Leuck., 1863a, 511; 1886d, 40.—Linst., 1873, 1 (young = *Cerc. macrocerca* Fil.); 1887, 97, 101.—Looss, 1885b, 24; 1892a, 125; 1893b, 813, 815; 1894a, 2, 23, 56–64, 82, 110, 125, 127, 136, 137, 138, 153, 154, 159, 162, 168, 169, 174, 178, 182, 184, 189, 200, 201, 204, 206, 211, 215, 216, 227, 230, 244, 251, 253, 256, 269, 275, pl. 1, figs. 23–26, pl. 6, figs. 124–132 (in *Bombinator igneus*; *Hyla arborea*; *Rana esculenta*; *R. temp.*); 1896b, 46; 1899b, 605–606, type of *Gorgodera*, 607; 1902m, 784, 807, 810, 846, 851.—Loschge, 1875, 10–14, pl. 1, figs. a–e.—Luehe 1900, 558; 1901, 58.—Miescher, 1840c, 39–42 (in *R. escul.*).—Mol., 1859, 833 (in *Pelophylax esculentus*; *Padua*).—Mont., 1888a, 40, 80 (*cygnoides*); 1893, 82, 148, 149; 1896, 166.—Moul., 1856, 48, 99, 161 (*Cerc. macrocerca* is larva of; teste Fil.).—Mueh., 1898, 27–28.—Nord., 1840, 617 (*sygnoides*, misprint).—Odhm., 1902, 64, 65.—Olfers, 1816, 44.—Osborn, 1903, 256.—Pachinger, 1883, 46 pp.—Pag., 1857, 28, 30, 44–46, 47, 52, pl. 6, fig. 1 (in green frog).—Par., 1887, 60; 1887, 332–333; 1887, 490.—Rossbach, 1906, 377, 388.—Rud., 1809a, 367–368; 1819a, 96, 370–371.—Schuberg, 1875, 169.—Sieb.,

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- 1835, 66, 82; 1842, 298.—Sons., 1890, 136; 1893, 187 (cygnoidis) (in *Rana esc.*); 1893, 217.—Ssinitzin, 1905, 33, 34; 1906, 682 (in *Rana temporaria*, *R. esculenta*; Warschau) (of Looss, named *Gorgodera loossi*; of Pag., renamed *G. pagenstecheri*), 684.—Staff., 1900, 405, 409; 1902, 18 Dec. (American), 411, 412, 421, 482, to (*Gorgodera*) (in frogs and toads), 895; 1903, 15 Dec., 901; 1905, July, 51–52.—Stiles, 1896, 205.—Stoss., 1889, 60.—Valentin, 1841, 51–54.—Will.-Suhm, 1870, 4.—Wagener, 1857, 26, 27, 29–30, 34, 35, 40, 42, 43, 44, 45, pl. 30, fig. 1, pl. 31, fig. 1, pl. 32, fig. 36A, 7.—Walter, 1866, 64.—Reported also for *Dendrohylla viridis*, *Bombinator* sp.; *Bufo igneus*, *B. vulgaris*, *Cyclas*, *Limnæa* sp.; *Piscidium*; *Rana catesbiana*, *R. clamitans*, *R. virescens*, *Salamandra maculosa*.
- cygnoides* var. A. of Bensley, 1897a.—Staff., 1902, 419–421 (syn. of *Gorgodera amplivaca*).
- cygnoides* var. B. of Bensley, 1897a.—Staff., 1902, 417 (syn. of *Gorgodera simplex*).
- cygnoides ranæ* Wagener, 1857, 19–24.
- cygnoidis* Sons., 1893, 187, for *cygnoides*.
- cylindraceum* Zed., 1800a, 164, 188–190, pl. 4, figs. 4–6 (in *Rana esculenta*); 1803a, 217.—Baird, 1853a, 51.—Bellingham, 1844a, 424.—Ben., 1858a, 1861a, 193.—Bettend., 1897a, 4, 5, 7, 10, pl. 1, fig. 6; 1897, 308, 309, 311, 312, 314, pl. 28, fig. 6.—Blochmann & Bettend., 1895a, 217, fig. 2.—Brand., 1891c, 730; 1891d, 7, 12.—Braun, 1890d, 568; 1892a, 568, 586, 589, 593, 597, 599, 602, 608, 635, 640, 641, 643, 671, 677, 682, 683, 684, 685, 698, 703, 707, 717, 719, 726, 729, 733, 737, 751, 754, 759, 760, 762, 763, 768, 773, 780, 783, 785, 788, 790, 806; 1893a, 865, 876, 882, 910.—Cobbold, 1858b, 162 (in *Rana temporaria*); 1860a, 17.—Crep., 1837, 310, 323, 326.—Dies., 1850a, 368 (includes *Fasc. subclavata*); 1858e, 351 (in *Rana oxyrrhinus*; *R. platyrrhinus*).—Duj., 1845a, 395–396.—Galli-Valerio, 1898n, 371–373; 1899b, 186–187; 1901c, 365 (in *Rana esculenta*).—Gamb., 1896a, 72.—Hausmann, 1897b, 14.—Hofmann, 1899, 196.—Jackson, 1888, 650 (reproductive system).—Knoch, 1862, 101.—Kowal., 1894, 3; 1895, 372–390, pl. 8, fig. 9.—Linst., 1887, 97; 1890f, 173–191, 2 pls., figs. 1–39; 1891a, 241–242; 1904, 254.—Looss, 1885b, 6; 1893b, 811, 815; 1894a, 1, 2, 7, 37 (*cylindraceum*), 64–71, 72 (of Pachinger, 1888, syn. of *D. variegatum*), 73, 74, 75, 76, 77, 85, 86, 87, 115, 119, 125, 127, 135, 139, 144, 146, 148, 159, 163, 167, 175, 180, 181, 191, 192, 194, 199, 206, 215, 220, 221, 227, 230, 242, 268, pl. 2, figs. 39–42, pl. 7, figs. 147–152, pl. 8, 163 (includes *Fasc. subclavata*) (in *Hyla arborea*; *Rana esc.*; *R. temp.*); 1899b, 556, 559–600 (type of *Haplometra*); 1902m, 620.—Luehe, 1899, 533.—Mont., 1888a, 73; 1893, 25, 27, 33, 36, 42, 43, 48, 61, 83, 91, 102, 106, 107, 108.—Moul., 1856a, 49.—Mueh., 1898, 26.—Nord., 1840, 617, 620 (to *Fasc.*).—Olfers, 1816, 46.—Olss., 1876, 14; 1893, 10.—Pag., 1857, 43, pl. 5, figs. 3, 4 (in brown frogs).—Rhumbler (1895), v. 4, 553–554.—Rud., 1809a, 336, 349, 393–394; 1819a, 106.—Schauinsland, 1882, 496, 497.—Sieb., 1835, 82; 1852, 1, 16.—Sons., 1893, 187 (in *Rana* sp.).—Staff., 1902, 909.—Stoss., 1889, 65.—Swammerdam, 1737, 315.—Volz, 1899, 232.—Walter, 1866, 64.—Ziegler, 1883, 488; 1883, 546, pl. 33, fig. 26.—Reported for *Bufo vulgaris*; *Ilybius fuliginosus*; *Limnæa ovata*; *Rana fusca*; *R. oxyrrhinus*; *R. palustris*; *R. platyrrhinus*.
- cylindraceum* Zed. of Pachinger, 1888.—Looss, 1894a, 71, 72 (syn. of *D. variegatum* Rud.).
- cylindricum* (Goeze, 1782) Mayer, 1841a, 26, 34.—Looss, 1894a, 71 (syn. of *D. variegatum*).
- cylindricum ranæ* Mayer, 1841a, 18–19, pl. 3, figs. 13, 17.
- cymbiforme* Rud., 1819a, 96, 371 (in *Testudo mydas*; Arimini).—Braun, 1893a, 876 to *Phyllodist.*; 1893d, 467; 1899b, —, 715, 720–721; 1899g, 492 (to *Phyllodist.*); 1901b, 9, 10, 11, 12; 1902b, 19.—Carus, 1884, 129.—Cobbold, 1860a, 18.—Dies., 1850a, 342 (in *Halichelys atra*).—Duj., 1845a, 451.—Looss, 1899b, 605 (to *Spathidium*); 1901b, 202, 203, 204, 205, 207 (resembles *Spathidium* = *Phyllodist.*, but lacks pharynx, hence was made type of a new genus, *Plesiochorus*); 1901, 557; 1902m, 411, 469, 476, 477, 478, 481 (to *Plesiochorus*).—Mont., 1896, 165 (*cimbiforme*).—Odhn., 1902, 37; 1902, 64, 65, 67.—Par., 1846.—Sons., 1893, Feb. 5, 2; 1893, 183, 184, 185 (in *Chelonia caretta*).—Stoss., 1895, 38, pl. 4, fig. 1; 1895, 215–216; 1897, 9; 1898, 34–35.—Reported for *Chelone caretta*; *C. mydas*; *Chelonia midas*; *Thalassochelys caretta*; *T. corticata*.
- cymbulix* delle Chiaje (1841a), 109, fig. 29?.—Pag., 1862, 298.

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- cyprinaceum* Zed., 1800a, 164, 181-183 (intest. Cyprinorum).—Dies., 1850a, 341 (syn. of *D. globiporum*).—Looss, 1894a, 41 (syn. of *D. glob.*); 1902m, 763 (and *Sphærost. glob.*).—Rud., 1809a, 365, 367.—Stiles, 1901r, 168.
- cyprini idi (peritonei)* Dies., 1858c, 367 (based on Duj., 1845a, 463) (as ? syn. of *Tetracotyle echinata*) (in *Leuciscus idus*, *Acerina cernua*).
- cysticola phalangii opilionis* Dies., 1855, 64, based on Crep., 1846, 156, see *cystidicola*.
- cysticum* Crep., 1846a, 159 (in *Planorbis* sp.), refers to Henle, 1835, 597.—Also reported for *Planorbis marginatus*, *Nephelis vulgaris*.
- cystidicola* Crep., 1846a, 156 (in *Phalangium opilio*); 1851, 304.—Dies., 1858e, 356 (in *Phal. opilio*).
- dactyliferum* Braun, 1892a, 568, for *dactylipherum*.
- dactylipherum* Poir., 1885, 10, pl. 23, fig. 3 (in *Argonauta*).—Braun, 1889a, 395 (*dactyliferum*); 1892a, 568 (*dactyliferum*); 1893a, 873.—Buttel-Reepen, 1902, 167, 172, pl. 6, fig. 14.
- deflectens* Rud., 1819a, 677-678, 745 (in *Sylvia* sp., *Motacilla* sp.; Brazil).—Braun, 1901, 561, 563; 1902b, 101 (to *Dicrocoelium*), 102.—Cobbold, 1860a, 12.—Dies., 1850a, 347 (in *Thryothorus hypoxanthus*; Brazil).—Duj., 1845a, 433-444.—Stoss., 1892, 180; 1892, 38.
- delicatulum* Rud., 1809a, 373-374 (in *Anas sponsa*); 1819a, 99.—Blainv., 1828a, 585 (to *Fasc.*).—Braun, 1893a, 875; 1901, 561.—Cobbold, 1860, 10.—Dies., 1850a, 352-353.—Duj., 1845a, 449.—Kowal., 1897b, 1, 2 [reprint]; 1898h, 132.—Olfers, 1816, 44.—Odhn., 1900, 19.—Stoss., 1892, 180.—Also reported for *Cygnus olor*.
- deliciosum* Olss., 1893, 10, pl. 1, figs. 16-18 (in *Larus argentatus*).—Odhn., 1900, 12, 13; 1905, 311 (to *Gymnophallus*).
- delphini* Poir., 1886, 34-36, 37, pl. 4, figs. 1-3 (in *Delphinus delphis*).—Braun, 1892a, 673; 1893a, 874, 910; 1893, 354; 1900g, 251.—Looss, 1894a, 204; 1899b, 560 (to *Brachycladium*).—Mont., 1888a, 12, 38; 1893, 44, 45, 83, 86, 102, 107.—Stiles, 1895l, 219, pl. 8, figs. 1-3.—Stoss., 1892, 10 (to *Cladocœlium*).
- dendricum* Ben., 1870, 36, for *dendriticum*.
- dendriticum* Rud., 1819a, 93, 364-365 (in *Xiphias gladius*).—Ben., 1870, 36.—Carus, 1884, 131.—Cobbold, 1860, 22.—Darr, 1902, 698.—Dies., 1850a, 336.—Duj., 1845a, 460.—Jacoby, 1900, 10, 11.—Kroyer, 1838-40a, 597 (in *Xiphias gladius*).—Looss, 1899b (to *Dicrocoelium*).—Par., 1896, 16-18, fig. 6 to (*Dicrocoelium*).—Stoss., 1886, 47.
- dentatus* Lint., 1900a, 269, 283, 289, 294, pl. 39, figs. 64-67 (in *Paralichthys dentatus*); 1901b, 415, 421, 451, 483; 1905, 328, 334, 369, 372, 374, 396, 411, 413, 415 (in *Coryphæna equisetis*, *Lophopsetta maculata*, *Micropogon undulatus*, *Paralichthys albiguttus*, *P. dentatus*, *Pomatomus saltatrix*, *Rachycentron canadus*; Beaufort, N. C.).—Odhn., 1905, 331.
- denticulatum* (Rud., 1802) Rud., 1809a, 424-425, pl. 5, fig. 3 (in *Anas clypeata*, *Sterna hirundo*) (to *Echinost.*); 1819a, 116, 419.—Crep., 1837, 311.—Dies., 1850a, 391-392.—Duj., 1845a, 430.—Olfers, 1816, 47.—Stoss., 1892, 170 to *Echinost.*—Also reported for *Anas sponsa*.
- depressum* Polonio, 1859 (in *Triton cristatus*; Padua) teste Par., 1894, 149.—Braun, 1892a, 579, 663.
- depressum* Stoss., 1883, 118, pl. 3, fig. 10 (in *Dentex vulgaris*; Trieste); 1886, 24; 1898, 39-40.—Carus, 1884, 130.
- detruncaum* (Braun, 1899) Braun, 1900h, 28 (in *Mycteria americana*), 33 to (*Clinost.*, 35 (from *Tantalus loculator*) to (*Clinost.*), 39.
- dicorynum* Dies., 1850a, (359, *D. affine*), 680, *affine* renamed (in *Lampris guttatus*).—Ben., 1870, 34.—Kroyer, 1838-40a, 598.—Stoss., 1886, 47.
- dictyotus* Mont., 1893, 156 (includes *D. reticulatum* Looss, 1885 [nec Wright]).—Braun, 1900, 26.—Looss, 1894a, 171.—MacCallum, 1899, 705.—Stiles & Hass., 1898a, 86 (*D. reticulatum* Looss, 1885 [nec Wright, 1879], (type of *Mesogonimus*).
- didelphidis* Par., 1896, 3-5, fig. 1a (in *Didelphys azaræ*).—Luehe, 1899, 532.—Stoss., 1904, 2 (*didelphydis*).
- didelphydis* Stoss., 1904, 2, for *didelphidis*.
- diesingi* Braun, 1901, 561, 563, for *diesingii*.



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- diesingii* Cobbold, 1860a, 14 (*D. cochlear* Dies., renamed; in *Sterna cantiaea*, S. minuta: Brazil).—Braun, 1901, 561, 563 (*diesingi*); 1902b, 56, 58 (syn. of *Microlistrum cochlear* (Dies., 1850a)).—Stoss., 1892, 179 (syn. of *D. cochlear*).
- diffusocalciferum* Gastaldi, 1854, 5-6, pl. 1, figs. 4-5 (in *Rana esculenta*).—Braun, 1893a, 870.—Cobbold, 1860a, 18.—Dies., 1855, 64 footnote (*D. diffusocalciferum ranae esculentae*); 1858e, 336 (in *Pelophylax esculentus*).—Stoss., 1889, 69.
- diffusocalciferum ranae esculentae* Gastaldi of Dies., 1855, 64 footnote (see *D. diffusocalciferum* Gastaldi).
- dilatatum* Fischer de Waldheim, 1840, 158 (in *Gallus communis*; Vilnae).—Anacker, 1887c, 513.—Baillet, 1866b, 105.—Braun, 1893a, 874.—Caruccio, 1886b, 293.—Cobbold, 1879b, 440.—Crep., 1846, 134.—Dies., 1850a, 383-384.—Hahn & Lefèvre, 1884a, 516 (of Miram.).—Hass., 1896a, 2, 3 (syn. of *Echinost. echinatum* (Zed.)).—Landois, 1882, 23.—Linst., 1873, 106.—Stoss., 1892, 167 (syn. of *Echinost. ech.* (Zed.)); 1898, 52.—Verrill, 1870, 179.
- dilatum* Schneidemuehl, 1896, 303, misprint for *dilatatum*.
- dimidiatum* Crep., 1829, 55-56 (in *Acipenser sturio*).—Dies., 1850a, 372 (syn. of *D. grandiporum* Rud.).—Duj., 1845a, 470.—Mehlis, 1831, col. 176-177.—Mol., 1859, 826 (*D. grandiporum* Rud.).—Odhn., 1905, 360 (syn. of *Derogenes varicus* (Mueller) Odhn.).
- dimorphum* [see below] Dies., 1850a, 353-354 [contains *D. marginatum* Rud., 1819a, 680, and Duj., 1845a, 446] (in *Salmo carapus*, *Geophagus poppottaria*, *Chaetobranchius flavescens*, *Crenichichla johanna*, *C. lepidota*; *Ardea*, *Ciconia americana*, *C. mycteria*, *Ardea cocoi*; Brazil); 1855c, 55-56, pl. 3, figs. 1-6; 1855, 363; 1858e, 338.—Braun, 1892a, 699, 735; 1893a, 865, 871, 872, 873, 874; 1893, 354; 1899g, 485, 486, 490; 1900c, 25, 26, 28-29; 1900h, 4, 18, 25, 32, 33, 34, 36, 42; 1902b, 116.—Cobbold, 1860a, 10.—Gamb., 1896a, 72 (in *Ardea ciconia*; Brazil).—Looss, 1899b, 651 (from *Ardea cocoi*; Brazil).—MacCallum, 1899, 697, 706, 707.—Mont., 1893, 155 (in *Gallo comune*).—Sons., 1889, 283.—Stoss., 1886, 25; 1892, 181.—Also reported for *Carapus brachyurus*, *Hydrolichus scomberoides*.
- dimorphum* Dies., 1850a, 354, pars (in *Ardea cocoi*, A. sp., *Mycteria americana*; in Brazil, collected by Natterer).—Braun, 1899g, 490, is *Clinost. marginatum* (Rud., 1819a): type is no. 1493, Berlin Museum; and nos. 343, 750, and 831, Vienna Museum; 1900h, 25.
- dimorphum* Dies., 1850a, 353, pars, in *Tantalus loculator*; in Brazil, collected by Natterer.—Braun, 1899g, 490, is *Clinost. sorbens* Braun n. sp.; type is no. 878, Vienna Museum; 1900h, 34.
- dimorphum* Dies., 1850a, 354, pars, in *Ciconia americana*, *Mycteria americana*; in Brazil, collected by Natterer.—Braun, 1899g, 490, is *Clinost. detruncatum* Braun n. sp.; types are nos. 750 and 882, Vienna Museum; 1900h, 32.
- dimorphum* Dies., 1850a, 353, 354, pars, in *Ardea cocoi*; in Brazil, collected by Natterer.—Braun, 1899g, 490, is *Clinost. dimorphum* (Dies.) Braun; types are nos. 832 and 879, Vienna Museum. [Braun erroneously says n. sp.]; 1900h, 36.
- dimorphum* of Wagener, 1852, 555-557, pl. 16, fig. 1 (from chicken) [nec Dies.].—Braun, 1900c, 25; 1900h, 18 (= *D. commutatum* Dies.).—Dies., 1858e, 339 (renamed *D. commutatum*; in *Phasianus gallus*); 1855, 64, footnote 4.—Hass., 1896a, 3 (syn. of *Mesogonimus commutatus* (Dies.)).—Rail., 1893a, 371 (to *Mesogonimus*).
- distichum* (Mueller, 1776) Zed., 1803a, 215 (in fish).—Cobbold, 1860a, 29.—Dies., 1850a, 378-379.—Rud., 1809a, 402, 440-441; 1819a, 123.
- divergens* Rud., 1809a, 371-372, 395 (in *Blennius viviparus*), *Fasc. blennii* Mueller, renamed; 1819a, 97, 372-373, 676.—Braun, 1892a, 636, 637, 640, 643, 646.—Carus, 1884, 129.—Cobbold, 1860a, 23.—Dies., 1850a, 337, 344.—Duj., 1845a, 461.—Fraip., 1880b, 106, 107, 265 (in *Zoarces viviparus*); 1881b, 2-4, 24; 1883a, 37.—Harz, 1881c, 5.—Kampmann, 1894b, 447, 449, 459, 460, 461.—Knoch, 1894a, 10.—Kroyer, 1838-40a, 138, 368, 583 (in *Zo. vivip.* Linn., *Cottus scorpius* Linn.).—(Lamouroux, 1824, 863).—Looss, 1885b, 20.—Mont., 1888a, 42, 43, 44, 45, 46; 1893, 62.—Nord., 1840, 619.—Olfers, 1816, 45.—Stoss., 1886, 47.—Also reported for *Blennius cornutus*, *B. gattorugine*, *B. tentaculatus*.
- dubium* (Leidy, 1856) Dies., 1858e, 336.—Stoss., 1892, 181 (includes *D. leidyi* Cobbold).

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- dujardinii* Cobbold, 1860a, 29 (D. soleæ Duj., renamed) (in *Solea vulgaris*).
- duplicatum* Baer, 1826a, 124; 1827b, 558–570, pl. 29, figs. 1–15 (in *Anadonta ventricosa*, A. anatina).—Braun, 1892a, 769, 770; 1893a, 838; 1893b, 184.—Cobbold, 1879b, 453, 454.—Crep., 1837, 310, 325, 326.—Dies., 1836, 240; 1850a, 293 (renamed *Rhopalocerca tardigrada*; *Regiomontii*); 1855a, 380, 384; 1858d, 241, 271.—Desmonceaux, 1868, 22.—Erc., 1881e, 37, 45; 1882a, 273, 281.—Fil., 1854a, 9, 26; 1855b, 7, 20, 22, 24; 1856a, 263, 265; 1857c, 25, 27, 29, 31, 32.—Florance, 1866a, 12.—Keber, 1851a, 90.—Kuech., 1856c, 269, 277.—Lampert, 1894.—Laveran & R. Bl., 1895, 105.—Leuck., 1863, 509, 765.—Levin., 1881a, 81.—Looss, 1894a, 17, 23, 63, pl. 4, fig. 78 (syn. of *Cerc. Dist. folii*, C. folii, young of D. folium).—Moul., 1856a, 14, 21, 51, 56, 78, 82, 120, 129, 139, 143 (to *Cerc.*), 177.—Mueh., 1898, 11.—Nord., 1832a, 57; 1840, 548, 617, 630, 631.—Pag., 1857, 6, 7, 8, 9, 28–30, 46, 52, pl. 6, fig. 14 (in *Anadonta cygnea*); 1862, 299, 300, 301, 302, 304.—Reuss, 1902, May 19, 375–377; 1902, July, 405–406; 1903, 458–477, pl. 23, figs. 1–21; 1903, Nov. 26, 206; 1905, July 3, 63–64.—Rossbach, 1906, 420, 431.—Sieb., 1835, 56; 1854, 109, note 2.—Steenstrup, 1842, 51–55, 56.—Tennent, 1906, 651, 653.—Wagener, 1857, 22, 36, 45, 51, pl. 24.—Ziegler, 1883, 540.
- echeneidis remoræ* Rud., (1821–28) 163 (in *Echeneis remora*).—Braun, 1893a, 875.—Dies., 1855, 64, footnote 16; 1858e, 356 (in *Echeneis remora*).—Stoss., 1886, 47.
- echinata* (Sieb., 1837) Ben., 1861, 89–92, pl. 11, figs. 1–8, in *Limneus auricularis*; L. ovatus; L. stagnalis; Physa; Cyclas cornea.
- echinatoides* Dies., 1858d, 263, syn. of *Cerc. (Nephrocephala) megacotyla*, for *echinatoides anodontæ*.
- echinatoides anodontæ* Pag., 1857, 32 (t. h. *Anadonta cygnea*).—Dies., 1858d, 263 (syn. of *Cerc. (Nephrocephala) megacotyla*).
- echinatum* Zed., 1803a, 220–221 (D. anatis Gmelin, 1790) Zed., 1800, renamed; made to include *Cucullanus conoideus* 1782, *Festucaria anatis* 1788, F. boschadisi 1790.—Anacker, 1887c, 513.—Baillet, 1866b, 96, 105.—Baird, 1853a, 55.—Bellingham, 1844a, 426.—Ben., 1858a, 1861a, 89–92, pl. 11, figs. 1–8 (syn. *Cerc. brunnea*, C. echinata); 1868, 296.—Braun, 1883b, 28; 1883a, 70, fig. 14; 1892a, 585, 595, 633, 722, 797, 807; 1893a, 821, 861, 863, 865; 1893b, 182.—Bremser, 1824c, 134, pl. 10, fig. 4–5; 1828, 134 (of birds).—Crep., 1837, 310, 311, 312, 316, 326; 1839a, 289; 1846, 134, 141, 142, 144, 145.—Cobbold, 1860a, 33.—Dies., 1836, 240; 1850a, 344, 345, 346, 383, 398 (includes *Cucullanus conoideus*, D. anatis; D. excavatum (*Nycticoracis*) Rud.; D. gruis; D. radiatum Duj.?; Fasc. anatis; F. gruis; *Festucaria boschadisi*; *Plan. teres poro simplici*); 1858d, 261, 263 (larval stage = *Cerc. ech.*); 1858e, 344–345 (adult in *Anas boschas dom. & fera*; A. anser; A. cygnus fer.; A. clangula; A. clypeata; A. ferina; A. fuligula; *Ardea comata*; A. gardeni; A. grus; A. marila; A. moschata; A. nycticorax; A. nyroca; A. olor; A. pavonia; A. penelope; A. strepera; A. tadorna; *Ciconia nigra*; *Carbo cormoranus*; C. pygmaeus; *Podiceps cristatus*; P. minor; Stat. juven. in *Fringilla domestica*; larva in *Paludina vivipara*; *Lymnaeus stagnalis*; *Planorbis corneus*) (syn. *Cerc. (Nephrocephala) ech.*; 1859c, 433 (includes as hosts: *Cyclas cornea*; *Belgia*; *Lymnaeus auricularis*; L. ovatus; L. stagnalis; *Physa*).—Desmonceaux, 1868, 22.—Duj., 1845a, 426–427.—Erc., 1881e, 29, 31, 48, 52, 88; 1882a, 265, 267, 284, 288, 324 (syn. *Cerc. ech.*).—Fil., 1854a, 19; 1855b, 25.—Florance, 1866a, 12.—Fraip., 1880c, 418.—Gamb., 1896a, 63, 72.—Generali, 1881a, 614–615 (in dogs) [Erc.]; 1882a, 70–71.—Giebel, 1857, 265.—Hahn & Lefèvre, 1884a, 516 (of Ben.) (in Canara).—Harz, 1881c, 4.—Hass., 1896a, 2, 3 (to *Echinost.*).—Kastenbaum, 1899, 244, fig. 33, 5, 34, 7.—Kowal., 1894, 3; 1895, 351–352, pl. 8, figs. 1–3, 12a, 13; 1896d, 7 (257) (in *Corvus cornix*; *Anas crecca*; *Dublanys*).—Leidy, 1888, 126; 1904a, 211.—La Valette, 1855, 32.—Leuck., 1863, 82, 498, 526, figs. 143, 144, 178, 180; 1879, 15, 102, 107; 1886d, 11, 76, 80.—Linst., 1873, 1, 98, 101, 105–106 (young stage = *Cerc. ech.* Sieb.) (in *Anas boschas*); 1884, 139; 1894b, 333 (in *Bythinia ventricosa*, *Physa fontinalis*, *Valvata macrostoma*, *Limnaea palustris*).—Looss, 1892a, 14; 1893b, 813, 814; 1894a, 2, 119, 120, 124, 159, 168, 169, 170, 172, 215, 230, pl. 6, figs. 114, 115–117, pl. 9, figs. 191–192; 1895c, 74, 75; 1896b, 10; 1899b, 556; 1902m, 804, 805, 810, 811, 822.—Lutz, 1892a, 785.—Mégnin, 1884, 53.—Mol., 1858, 290; 1861, 216.—Mont., 1888a, 14, 24, 40.—Moul., 1856a, 190 (larva is *Cerc. ech.*, teste La Valette).—Nathusius, 1835, 53.—Nord., 1832a, 47, 90, 98 (in Barsch); 1840, 621 (syn. of *Fasc. trigonocephala*).—Pag., 1857, 244–251 (experimental

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- infections); 1858, 5-6; 1859, 58, 60.—Par., 1887, 489.—Rail., 1893a, 366.—Rud., 1809a, 418-420 to (Echinost.), 431, 432; 1814a, 102; 1819a, 115, 121, 416-417, 685-686.—Schneidemuehl, 1896, 303.—Schlotthauber, 1860, 129.—Sieb., 1835, 57; 1854, 23.—Sons., 1890, 134.—Stiles & Hass., 1898a, 87, 96 (type of Echinost.).—Stoss., 1890, 51; 1891, 111; 1892, 167 (to Echinost.); 1898, 52.—Tasch., 1879, 71.—Verrill, 1870, 179.—Ward, 1895, 341 (in *Canis familiaris*; duodenum).—Wedl, 1857, 245-246, pl. 1, figs. 5-6.—Zuern, 1882, 207.—Also reported for *Anas clypeata*; *A. querquedula*; *Anser cinereus dom.*; *Ardea grus*; *A. nycticorax*; *Aythya americana*; *Columbus minor*; *Cygnus musicus*; *C. olor ferus*; *Fiber zibethicus*; *Fuligula ferina*; *F. marila*; *F. nyroca*; *Hausente*; *Limnæa*; *Paludina vivipara*; *Phasianus gallus*.
- echinatum* (Zed.) of Wedl, 1858, 245, pl. 1, fig. 5, from *Phalacrocorax carbo* is, according to Looss, 1899b, 681, a misdetermination.
- echiniferum* (La Valette, 1855) La Valette, 1855, 32.—Braun, 1892a, 772.—Cobbold, 1879b, 454.—Dies., 1858d, 261, 262, 263 (larval stage = *Cerc.* (*Nephrocephala*) *echinatoides*); 1858e, 345-347 (in *Stat. juven.* in *Fringilla domestica*); 1859c, 433 (syn. *D. militare* Ben., 1858a, 84, in *Scolopax gallinago*; *Mergus merganser*; *Podiceps minor*; *Anas boschas*).—Erc., 1881e, 29, 31; 1882a, 265, 267.—Moul., 1856a, 201.—Rail., 1893a, 366 (syn. of *D. echinatum*).—Stoss., 1892, 171 (to Echinost.).—Ward, 1895, 341 (syn. of *D. echinatum*) (in *Canis familiaris*).—Zuern, 1882, 207.
- echiniferum paludina* Pag., 1857, 30-32, 52, pl. 2, figs. 5-6 (in *Paludina vivipara*; on 55, descr. of pl. 2, *echiniferum*).
- [*echinocephala* Crep., 1837a, 326, as name of a group of distomes; quotes Nitzsch.]
- echinocephalum* Rud., 1819a, 115, 418 (in *Falco milvus*) to (Echinost.) (contains *D. milvi* Rud., 1809a, 429).—Braun, 1893a, 874.—Dies., 1850a, 385 (syns. *D. milvi*; *Fasc. milvi*; *Plan. latiuscula* Gœze).—Duj., 1845a, 425.—Stoss., 1892, 173 to Echinost.
- echiuri* Greef, 1879a, 130 (in *Echiurus pallasi*).—Braun, 1893a, 869; 1893d, 468.
- elegans* (Rud., 1802) Rud., 1809a, 375-376; 1819a, 100.—Braun, 1901, 561, 564, 567; 1902b, 38-39, 40 (Vienna no. 362 from *Fringilla cœlebs* = *pars* *Urog. mac.*; no. 363 from *F. montana* = *pars* *Plagiorchis* = *D. cirratum* Rud.), 41, 42, 45, 47, 48, 49 (to *Plagiorchis*) (syn. of *Urogonimus macrostomus*).—Cobbold 1860a, 12.—Crep., 1829, 59-63; 1837, 313, 316.—Dies., 1836, 240; 1850a, 349-350 (includes *D. erraticum* Rud.).—Duj., 1845a, 414-415 to (*Brachylaimus*).—Fil., 1855b, 8.—Mehlis, 1831, 179.—Mueh., 1896, 589.—Olfers, 1816, 44.—Schlotthauber, 1860, 129.—Sieb., 1835, 56.—Stoss., 1892, 153; 1892, 11 to (*Brachylaimus*); 1904, 2.
- elephantus* Dies., 1858, 354 (based on Jackson, 1847, 317; in *Elephas indicus*) (to (*Cladocœlium*); 1858e, 354 (in *Elephas indicus*).—Cobbold, 1860a, 8-9 [see *Fasc. jacksoni* Cobbold]; 1879b, 394.—Fitz, 1876b, 513.—Stoss., 1892, 9 (to (*Cladocœlium*)).—Jackson, 1847, 317 [see *Fasc. jacksoni* Cobbold].
- ellipticum* Mol., 1858, 130 (in *Acipenser nasus*; *Patavii*); 1861, 216-217, pl. 3, figs. 1, 4.—Carus, 1884, 126.—Dies., 1850a, 351; 1858e, 351 (in *Ac. nasus*).—Stoss., 1886, 41, to (Echinost.).
- elongatum* Mehlis, 1831, 177 (in *Larus argentatus*, *L. marinus*, *L. ridibundus*).—Crep., 1837, 316; 1846, 139.—Dies., 1850a, 397.—Stoss., 1892, 181.—Also reported for *Chrocephalus ridibundus*.
- embryo* Olfers, 1816, 110, fig. 16 (in *Perca vulgaris*, *P. cernua*).—Cobbold, 1860a, 26; 1879b, 458.—Dies., 1850a, 365 (includes *D. longicollis* Crep.).—Kroyer, 1838-40a, 579 (in *Acerina cernua*).—Stoss., 1886, 48.
- [*endemica* Sons., 1884, 17-21 (not as specific name but refers to *Dist. ringeri* endemic in Japan and Formosa).]
- endemicum* Bætz, 1883, 235 (sub. *D. hepatis*).—Braun, 1893b, 187; 1893, 349, 352; 1893f, 386, 425 (syn. of *D. japonicum* R. Bl.).—Corlette, 1897a, 146.—Dunglison, 1893, 338.—Hoyle, 1890, 538.—Huber, 1896a, 577.—Ijima, 1886a, 47-59, pl. 7, figs. 1-9; 1887a, 596; 1888a, 213-215; 1889b, 137.—Jamieson, 1897b, 147 (syn. of *D. sinense*).—Katsurada, 1891c, 151-155.—Laspeyres, 1904a, 6.—Lockwood, 1901, 2 ed., 821.—Looss, 1907, Feb. 1, 141-147.—Mont., 1888a, 25, 36, 52, 58, 60.—Rail., 1890, 143.—Simon, 1897, 223.—Sons., 1889, 278, 279, 280, 282 (syn. *D. japonicum* Bl.) (in *Felis dom.*).—Stiles, 1904i, 35 (syn. of *Opisthorchis sinensis*).—Stoss., 1892, 23-24 (syns. *D. sinense*, *D. spatulatum* Leuck.).—Reported also for *Homo sapiens*, China, Giappone,

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- Bengal, Tonkin, Corea, Formosa; *Felis domestica*).—Tyson, 1903, 3 ed., 1180 (syn. of *D. sinense*).—Ward, 1903, 870 (syn. of *Opisthorchis sinensis*).
- endemium hepatis* St. Remy, 1883, 528–529, fig. 3.—La Clínica de Málaga, 1883, 309.—Cf. *hepatum endemium*.
- endobolium* Mont., 1891, 110, for *endolobum*.
- endolobium* Gurlt, 1845a, 288, 290 (for *endolobum*).
- endolobum* Duj., 1845a, 397 (in *grenouilles vertes et rousses et la salamandre*; Rennes).—Brand., 1892, 506.—Braun, 1889a, 355; 1892a, 598, 642, 700, 701, 715, 718, 719, 797, 806; 1893a, 818, 824, 860, 861, 865, 916; 1893b, 182.—Buetschli, 1872, 234–236, pl. 8.—Cobbold, 1860a, 17; 1879b, 454.—Dies, 1850a, 388–389; 1858d, 252 (larva is *Cerc. (Acanthocephala) armata* Sieb.); 1858e, 348, 349 (adult in *Salamandra maculosa*, Rhedoni; *Pelophylax esculentus*, Heidelbergæ; *Rana temporaria*; larva in *Planorbis corneus*, Paludina impura, *Lymnaeus stagnalis*); 1859c, 434 (*Cerc. armata*).—Engel, 1866a, 8.—Erc., 1855a; 1881e, 21, 82, 84; 1882a, 257, 318, 320.—Fil., 1857c, 32.—Florance, 1866a, 11.—Gamb., 1896a, 72.—Harz, 1881c, 4.—Juel, 1889, 15.—Kampmann, 1894b, 446–454, 457, 461, 462, pl. 20, figs. 19–23.—Kath., 1894a, 146.—Kerbert, 1881a, 572.—Kowal., 1894, 3.—Lander, 1904a, 16.—Linst., 18/3, 1 (young is *Cerc. armata*); 1887, 97–101, 102, pl. 2, figs. 1–2 (syn. *D. rastellus*); 1894b, 332–333 (larva in *Phryganea flavicornis*, *Limnophilus rhombicus*, *L. griseus*, *Anabolia nervosa*, *Ephemera vulgata*, *Chloëon dipterum*).—Looss, 1885b, 24; 1892, 66; 1893b, 815; 1894a, 2, 19, 26, 82, 83, 84–90, 94, 95, 122, 123, 124, 137, 140, 149, 150, 158, 159, 179, 181, 187, 188, 189, 190, 191, 202, 206, 207, 208, 214, 215, 216, 230, 231, 240, 245, 249, 259, 264, 270, pl. 2, figs. 27–29, pl. 7, figs. 153–156, pl. 8, figs. 157–162, pl. 9, figs. 176–186 (syns. *D. rastellus*; *D. retusum* Duj. of Ben.; *Fasc. ranæ*); (reported for *Bufo vulgaris*, *B. variabilis*, *B. calamita*, *Rana esculenta*, *R. temporaria*, *Triton cristatus*); 1896b, 95; 1899b, 589, type of *Opisthoglyphe*; 1905, 21 (*Fasc. ranæ*).—Mont., 1891, 110 (*endobolium*); 1893, 28, 83.—Mueh., 1898, 28.—Ols., 1893, 11.—Pag., 1857, 19, 41, 52, pl. 5, fig. 1 (in green frogs).—Schwarze, 1885, 67.—Sons., 1893, 188 (in *Rana esc. L.*).—Staff., 1900, 404, 406; 1902, 724.—Ziegler, 1883, 557.—Also reported for: *Gammarus pulex*, *Limnophilus rhombicus*, *Triton alpestris*.
- enterarchos* deFil.—Par., 1896, 13, syn. of *D. crassicolle* Rud.
- epatico* Galli-Valerio, 1893a, 178, 181, pl. 2, figs. 3, 4.
- ercolani* Mont., 1893, 40, for *ercolanii*.
- ercolanii* Mont., 1893, 40, 42, 43, 83, 86, 95, 98, 102, 188, pl. 6, fig. 67.—Braun, 1901b, 13 (includes *D. signatum* Erc. [not Duj.]), 15, 16.—Looss, 1899b, 567 (in all probability identical with *Telorchis linstowi*).—Luehe, 1899, 528, 529, 530.—Rizzo, 1902, 28.—Stoss., 1895, 223–224, to (*Dicrocoelium*); 1904, 1 (includes *D. signatum* Erc. [not Duj.], in *Tropidonotus viperinus*, 5–6 (to *Telorchis*).—Volz, 1899, 235, 237.—Reported also for *Tropidonotus natrix*.
- erinacei* (Bl., 1847) Braun, 1889, 343.
- erinaceum* Poir., 1886, 37–38, pl. 4, fig. 6 (in *Delphinus delphis*).—Braun, 1892a, 643; 1893a, 870.—Looss, 1899b, 590 (probably an *Astia*).—Mont., 1893, 83, 86, 105, 106, 107.—Stoss., 1892, 22, to (*Dicrocoelium*).
- eriocis* (Mueller, 1788) Zed., 1803a, 212.—Dies., 1850a, 363 (syn. of *D. hyalinum* Rud.).—Rud., 1809a, 389.
- erraticum* Rud., 1819a, 120 (in *Fringilla linaria*, *Motacilla alba*, *Parus cœruleus*, *P. major*, *P. palustris*, *P. pendulinus*).—Braun, 1902b, 38 (of Linst., 1894, 335, syn. of *Plagiorchis elegans* Rud.), 42.—Dies., 1850a, 350 (syn. of *D. elegans* Rud.), 361 (syn. of *D. macrostomum* Rud.).—Duj., 1845a, 443.—Erc., 1881e, 73; 1882a, 309.—Kowal., 1896d, 3 (253) (in *Picus major*; *Dub-lany*).—Linst., 1894b, 335–336 (in *Parus major*).—Luehe, 1899, 531 (probably a *Plagiorchis*).—Stoss., 1892, 183 (syn. of *D. macrost. Rud.*).
- esocis lucii* Rud., 1809a, 438–439 (in *Esox lucius*), based on Rud., 1803, 29–30.
- eurystomum* Linst., 1877, 183–184 (in *Anas clangula*).—Stoss., 1892, 159, to (*Dicrocoelium*) (in *Bucephala clangula*).
- exasperatum* Rud., 1819a, 117, 421–422 (in *Sorex eremita*) to (*Echinost.*).—Braun, 1901b, 22; 1901, 341–344, pl. 19, figs. 6–7 (includes *D. exasperatum* Duj., 1845a; Dies, 1850a; *D. (Brachylaimus) exasperatum* Stoss., 1892; *D. (Brachylaimus) rubens* Duj., 1845a; *D. rubens* Dies., 1850a).—Cobbold, 1879b,

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- 296.—Crep., 1837, 311.—Dies., 1850a, 391.—Duj., 1845a, 411.—Stoss., 1892, 15 (in *Crossopus fodiens*, *Sorex tetragonurus*) (includes *D. rubens*).
- excavatum* (Rud., 1803) Rud., 1809a, 399–400, 404 (in *Ardea ciconia*): 1819a, 109 (in *A. ciconia*, *A. nycticorax*), 402–403.—Dies., 1850a, 383 (*[nycticoracis]* syn. of *D. echinatum* Zed.).—Lamouroux, 1822a, 194.—Nord., 1840, 628 (to Holost.).—Rail., 1893a, 366 (syn. of *D. ech.*).—Ward, 1895, 341 (in *Canis familiaris*) (syn. of *D. ech.*).—See next entry.
- excavatum* (Rudolphi, 1803) Blainv., 1824a, 518–519 (a holostome).—Dies., 1850a, 310 (to Hemist.).—Duj., 1845a, 375.—Mehlis, 1831, 175.—Nathusius, 1837, 53.—See foregoing entry.
- excisum* Rud., 1819a, 112, 411–412, 685 (in *Scomber colias*, at Naples; *Scomber scomber*, at Arimini).—Bellingham, 1844, 425.—Ben., 1870, 37.—Braun., 1892a, 654, 682.—Bremser, 1824, 134, pl. 9, figs. 19–20.—Carus, 1884, 128.—Cobbold, 1860a, 25.—Cohn, 1902k, 54, to (*Leecithocladium*).—Crep., 1837, 326; 1839, 289.—Dies., 1850a, 375–376; 1858c, 342, 343; 1859c, 432.—Duj., 1845a, 436.—Harz, 1881c, 5.—Kroyer, 1838–40a, 236, in *Scomber scombrus*.—Looss, 1899b, 640 (to *Hemirurus*).—Luehe, 1901, 397, 398.—Mol., 1858, 290; 1859, 841; 1861, 211–212.—Mont., 1891, 497, 500, 502.—Olss., 1868, 51; 1876, 21.—Sons., 1891, 259 (in *Scomber scombrus*).—Stoss., 1883, 116; 1886, 15.—Wagener, 1860, 165, 166, 172–176, pl. 8, figs. 8–14.
- exiguum* Much., 1898, 17, 25, 89–90, fig. 11 (in *Circus rufus*).—Looss, 1899b, 564 (type of *Holometra* Looss).
- expansum* (? Creplin, 1842) Mont., 1892, 714 [speaks of *M. expansum* on same page], probably lapsus for *expansum* Crep., 1842.
- eripinosum* Hausmann, 1896a, 391; 1897b, 4, 6, 20, 22, pl. 1, figs. 4–5 (in *Barbus fluviatilis*).—Looss, 1899b, 598 (to *Asymphyllodora*).
- fabonii* Mol., 1859, 289 (in *Cantharus vulgaris*; Batavii); 1858, 289; 1861, 202–203.—Carus, 1884, 130.—Dies., 1859c, 428–429.—Sons., 1890, 142–143 (in *Cantharus lineatus* Mont.).—Stoss., 1886, 27.
- factum* Mont., 1893, 32, misprint for *fractum*.
- falconax* Leidy, MS., in Stiles & Hass., 1894d, 250 (name found in bottle in Leidy collection; is probably *D. trapezium* Leidy).
- falconis chrysaëti* Rud., 1809a, 429 (= *D. felleum* *Falconis chrysaëti* Viborg).
- falconis milvi* Rud., 1809a, 429–430, for *F. milvi* Gmelin.
- falconis rufi* Rud., 1819a, 119 (in *Falco rufus*; Cat. Ent. Vien.).—Dies., 1850a, 346 (syn. of *D. lineola*).—Duj., 1845a, 442.—Stoss., 1892, 183 (syn. of *D. lin.*).
- fallar* Rud., 1819a, 117, 120 (in *Uranoscopus scaber*; Naples).—Carus, 1884, 126.—Cobbold, 1860a, 37, to *Echinost.*—Dies., 1850a, 392.—Duj., 1845a, 432.—Looss, 1899b, 576, 581, 582; 1901, 655, 658; 1902m, 789, 804, 805, 811, 822, type of *Anisogaster* 1901 [not 1863] and *Anisocladium*, 1902.—Stoss., 1886, 34, 1890, 41.—Wagener, 1860, 170.
- farionis* (Mueller, 1788) Bl., 1891, 481–483, fig. 38 (includes *F. truttæ* Frøelich, *D. laureatum* Zed.).—Braun, 1893b, 179, 184.—Hausmann, 1897b, 4, 6, 17, 20, 22, 35 (in *Thymallus vulgaris*).
- fasciatum* Rud., 1819a, 97, 373–374, 595 (in *Labrus tinca*, *L. merops*, *Perca marina*; Naples).—Barbagallo & Drago, 1903, 410 to (*Dicrocoelium*) (in *Crenilabrus coruleus*; Catania; Serranus scriba).—Braun, 1891d, 421; 1892a, 720, 765; 1893a, 910; 1893b, 184 (in *Labrus merula*).—Carus, 1884, 130.—Cobbold, 1860a, 23.—Dies., 1850a, 344 (includes *D. labri* Rud., 1819a, 122).—Duj., 1845a, 456.—Lint., 1900, 291.—Looss, 1899b, 571 (this form as described by Stoss., 1885, belongs to *Creadiinae*, possibly to *Creadium*); 1901, 399, 401.—Mont., 1888a, 66; 1893, 192, pl. 1, fig. 15.—Odhn., 1901, 484, 485, 486, 487, 488, 490, 491, 493, 496, 497; 1902, 160.—Olss., 1868, 32.—Sons., 1890, 141 (in *Serranus scriba* L.); 1891, 257.—Stoss., 1885, 160; 1886, 32; 1892, 64; 1898, 46; 1902, 578.—Will.-Suhm, 1870, 8; 1871, 182, pl. 11, fig. 7.—Also reported for *Anguilla vulgaris*, *Crenilabrus melops*, *C. tinca*, *Ctenolabrus rupestris*, *Labrus mixtus*.
- felinum* Rivolta, 1884, 20–29, 1 pl. (in cat and dog; Italy).—Askanazy, 1900b, 491 (cats and dogs; Italy), 494 (*felinum*): 1900c, 72–80; 1901, 72, 73, 74, 75, 76, 77, 78, 79, 80 (cases in man); 1906, 127–131 (in *Idus idus*, *Leuciscus rutilus*).—Braun, 1893, 349, 351, 352, 353; 1893f, 386, 387, 388, 390, 391, 392, 422, 423, 424, 425 (includes *D. conus* Gurlt, Sons., *D. lanceolatum* Crep. p.p., Sieb., van

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- Tright; in dogs and cats), 426, fig. 3 (extensive account of early synonymy); 1894, 129; 1894i, 602, 605, 606; 1895b, 148–151, figs. 66–68; 1900g, 250; 1901e, 314, 315, 338; 1902b, 5.—Kholodk., 1897, v. 27 (1), 185–186 (in man).—Huber, 1896a, 576 (syn. of *D. sibiricum*).—de Jong, 1887a, 57ff (in dog; Holland); 1886–87; 1887b, 223, 224; 1896a, 1, 2, 3, 4, 9, 10, 11, fig. 4.—Kamensky, 1900a, 1–23 (syn. of *Opisthorchis tenuicollis* Rud., Much.); 1900b, 1–23; 1901a, 323–324.—Kholodk., 1898, 26, 29, pl. 9, figs. 10–12; 1899a, 152.—Kowal., 1898g, 74; 1898h, 144 (41).—Laspeyres, 1904a, 513 (felinum).—Linst., 1903, 279.—Looss, 1896b, 58, 59; 1899b, 530, 674, 675, 676; 1905, 89 (to *Opisthorchis*).—Moniez, 1896, 86, 123, 136–141, fig. 26.—Much., 1898, 15, 16, 21 (syn. of *D. tenuicollis*), 24.—Rail., 1893a, 361.—Ratz, 1898, 67–69, fig. 1 (felinum); 1900, 250; 1900, 141–142; 1900, 532.—Rindfleisch, 1904, March, 346 (in man); 1904, 8.—Roth, 1904, 93–94 (in man, infection from *Leuciscus rutilus*).—Schneidemuehl, 1896, 302.—Shaw, 1901, 1027.—Simon, 1897, 223.—Sons., 1889, 276, 280; 1889, 281 (syn. of *D. conus* Crep.); 1897, 254, 255, 256–257 (in *Canis* fam.; Pisa); 1897, Apr., 221.—Stiles, 1894n, 358–360.—Stiles & Haas., 1894e, 426–427, figs. 5–8; 1898a, 85 (type of *Opisthorchis*).—Tyson, 1903, 3 ed., 1181 (in cats and man).—Ward, 1895, 152; 1895, 238 (man, cat, dog; includes *D. lanceolatum* of cats and dogs), 243–244 (includes as syns. *D. conus* Gurlt nec Crep.; *D. lanceolatum* Sieb., 1836; *D. truncatum* Rud. pars.); cat, dog, and glutton; Europe; man; Siberia), 328 (in *Homo*; biliary ducts), 341 (in *Canis familiaris*; biliary ducts); 1895, (3), Mar., 152–158, 1 fig.; 1895, 8 pp.; 1895, 304–309; 1901, 180 (of Ward syn. of *Opisthorchis pseudofelineus*).—Weichselbaum, 1898, 315.—Also reported for *Gulo borealis*.
- felinum* of Ward, 1895, 152–158, 1 fig.; 1895 (nec Riv.), 239, fig. 1, 240, fig. 2, 242, fig. 3 (= *Opisthorchis pseudofelineus*); 1896, 5 Nov., 709; 1901, 180.
- felinum* (*sibiricum*) Askanaazy, 1900b, 491–502, for *felinum*, cases in man; 1900c, 711, 712.
- felinum* (see *D. felinum*; misprint in Ratz, 1898, 67).
- felleum falconis chrysaeti* Viborg, 1795; 243 (renamed *D. Falconis chrysaëti* by Rud.).—Dies., 1850a, 376 (syn. of *D. crassiusculum*).
- fellis* Ols., 1868, 44–46, pl. 5, fig. 94 (in *Anarhichas lupus*).—Braun, 1893a, 875.—Jacoby, 1899c: 1900, 1, 12–16, 20, figs. 8–12.—Lint., 1900, 291.—Luehe, 1900, 504.—Odhn., 1905, 307, 309, 310.—Stoss., 1886, 24 (in *Anarrhichas lupus*).
- ferocis* Mont., 1888a, 14, apparently misprint for *ferox*.
- ferox* (Rud., 1795) Zed., 1803a, 221.—Baird, 1853a, 56, includes *Echinorhynchus ardeæ nigrae* Braun.—Ben., 1868, 295, 296–299, pl. 1, figs. 1–5.—Braun, 1892a, 568, 583, 584, 721; 1893a, 877, 881.—Bremser, 1824, pl. 10, figs. 6–11.—Crep., 1837, 311, 312, 316, 326.—Dies., 1850a, 387–388 (syns.: Plan., *D. ardeæ* Zed.; *D. ardeæ stellaris* Rud.; *Echinorhynchus ardeæ nigrae* Braun; *Fasc. ardeæ* Gmelin).—Duj., 1845a, 429–430.—Gamb., 1896a, 63.—Giebel, 1857, 265.—Kowal., 1896d, 253 (3) (in *Ciconia alba*; Dublany).—Leuck., 1886d, 11; 1879, 14.—Linst., 1873, 106 (in *Ciconia alba*).—Looss, 1892a, 14.—Mayer, 1841a, 4.—Mol., 1858, 130; 1861, 219.—Mont., 1888, 14.—Nathusius, 1837, 53.—Nord., 1832a, 90.—Olfers, 1816, 47.—Ols., 1876, 22.—Rud., 1803, 90; 1809a, 426–427, to (*Echinost.*), 433; 1814a, 102; 1819a, 116–117, 120, 419–420.—Villot, 1875, 473.—Also reported for *Ardea ciconia*, *A. nigra*, *A. stellaris*, *Ciconia nigra*.
- ferruginosum* Linst., 1877, 184–185, pl. 14, figs. 25–27 (in *Barbus fluviatilis*).—Braun, 1892a, 587, 729, 766.—Hausmann, 1897b, 30.—Looss, 1894a, 24, 25, 26, 31, 32, 123 (syn. of *D. perlatum*).—Stoss., 1886, 48.
- filicollis* (Rud., 1819a) Ben., 1858a, 1861a, 104–107, 111, 187, 189, 195, 199, 200, 201, pl. 10, figs. 1–10 (includes *D. okenii*); 1870c, 137.—Braun, 1892a, 698–727.—Carus, 1884, 128.—Cobbold, 1860a, 31 (in *Brama raii*), to *Köllikeria* as type.—Leuck., 1879, 137; 1886d, 106.—Mont., 1888a, 9, 18, 52, 62, 93, 104; 1893, 150.—Sons., 1890, 143 (of Wagener).—Stoss., 1886, 17.
- filiferum* Sars, 1885, 222, pl. 38, figs. 19–21 (in *Nematoscelis megalops* S., *Thysanoesa gregaria* S.; South Atlantic Ocean).—Braun, 1893a, 836, 837, 853.—Linst., 1888, 17.—Mont., 1893, 40, 42, 43, pl. 5, fig. 61.
- filiforme* Rud., 1819a, 112, 411, 772 (in *Cepola tænia* at Arimini; *Cepola rube-scens*).—Braun, 1883a, 41; 1892a, 672.—Carus, 1884, 131.—Cobbold, 1860a, 28.—Dies., 1850a, 375.—Duj., 1845a, 460–461.—Stoss., 1886, 48.—Will.-Suhm, 1870, 8; 1871, 182.

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- flum* Duj., 1845a, 418 (in moineaux at Rennes), to (*Brachylaimus*).—Cobbold, 1860a, 15 (in *Fringilla* dom.).—Dies., 1850a, 376.—Hausmann, 1897b, 28.—Stoss., 1892, 152.
- fmbratum* Busch, 1851, 99, pl. 15, fig. 12 (in *Sagitta*).
- flagellatum* Moniez, 1891, 27 (in *Gymnotus electricus*); 1896, 144.
- flavescens* Pag., 1857, 34–35, pl. 3, fig. 14 (in *Bulimus radiatus*).—Braun, 1892a, 642.—Dies., 1858d, 278 (to *Cercariaeum*).
- flavescens* Ben., 1870, 47, pl. 5, fig. 4, (in *Gobius jozo*; *G. minutus*).—Stoss., 1886, 21.
- flavocinctum* Linst., 1879, 183–185 (in *Anguis fragilis*).—Stoss., 1895, 230; 1897, 9 (= *D. crassicolle*); 1898, 32.
- flexum* Lint., 1892, 98–99, pl. 6, figs. 36–44 (in *Oedemia americana*).
- flexuosum* Rud., 1808a, 346; 1809a, 50, 389–391 (in *Talpa europæa*); 1819a, 105.—Bellingham, 1844a, 424.—Braun, 1891d, 421; 1901a, 33.—Cobbold, 1860a, 7; 1879b, 296.—Dies., 1850a, 360; 1858e, 341 (in *Talpa europæa*).—Duj., 1845a, 398–399.—Hausmann, 1897b, 28.—Looss, 1899b, 562, type of *Omphalometra*.—Mueh., 1896, 244–248, figs. 1–8; 1896, 588; 1898, 16, 28.—Olfers, 1816, 44.—Stoss., 1892, 26 (in *Talpa europæa*; Greifswald, Copenhagen, Rennes).
- fecundum* Lint., 1900, 269, 282, 289–290, pl. 36, figs. 27–35, pl. 37, figs. 36–37 (in *Lopholatilus chamaeleonticeps*); 1901, 415, 419, 432, 472.
- foliaceum* Mol., 1859, 288 (in *Gobius paganellus*; *Batavii*); 1861, 199.—Carus, 1884, 131.—Dies., 1859c, 428.—Stoss., 1886, 48.
- foliatum* Lint., 1898, 532–534, pl. 49, figs. 3–5, pl. 50, figs. 1–3, pl. 51, figs. 1–4 (in *Mola mola*); 1900, 282; 1901, 415, 422, 466; Looss, 1902m, 644, to *Orophocotyle*.
- foliiforme* Crep., 1846, 149 (in *Squalus griseus*); 1837, 317.
- folium* Olfers, 1816, 45, fig. 15 (t. h. *Esox lucius*).—Bell, 1887a, 117.—Braun, 1892, 44; 1892a, 642, 663, 674, 697, 710, 716, 720, 723, 737, 746, 783, 785; 1892g, 461–463; 1893a, 876; 1893d, 467; 1899, 2; 1899g, 490, 492, type of *Phyllodist.*; 1899b, 721; 1901b, 9, 10, 12.—Cobbold, 1860a, 23.—Cohn, 1896, 240.—Darr, 1902, 688.—Dies., 1850a, 343 (in *Esox lucius*; Berlin); 1858e, 335.—Duj., 1845a, 464.—Fil., 1855b, 25.—Hausmann, 1897b, 15.—Kroyer, 1846–53a, 253.—Looss, 1893b, 813, 814, 815; 1894a, 2, 18–24, *D. duplicatum* [*Rhopalocerca tadigrada*], viewed as young form, 28, 29, 31, 58, 62, 63, 64, 110, 125, 136, 137, 138, 142, 159, 161, 167, 174, 179, 181, 183, 185, 186, 194, 197, 200, 204, 206, 211, 215, 217, 227, 230, 269, 270, 275, pl. 1, figs. 19–22, pl. 4, figs. 75–80 (reported for *Acerina cernua*; *Cottus gobio*; *Salmo umbla*; *Thymallus vulgaris*; *Trutta variabilis*); 1899b, 605, type of *Spathidium*; 1902m, 476, 477.—Mont., 1888a, 7, 55; 1893, 83, 102, 107.—Mueh., 1898, 11, 15, 28.—Odhn., 1902, 64, 65.—Roesebach, 1906, 377, 388.—Rud., 1819a, 96–97, 371–372, 588.—Spengel, 1892.—Seinitzin, 1901, v. 24, 25 Nov., 689–694 (in *Dreissena polymorpha*); 1902, 359–360; 1904, 768, figs. d. e.—Staff., 1902, 481, to (*Spathidium*), in *Ameiurus nebulosus*.—Stoss., 1886, 48.—Wagener, 1855, 1857, 26, 27.—Will.-Suhm, 1873.—Zschokke, 1884.
- formosum* Sons., 1890, 134–136 (in *Grus cinerea* Bechst.); 1891, 2 Mch., 291.—Braun, 1892a, 698; 1901, 944; 1902b, 21, 22.—Mont., 1893, 82, 148; 1896, 166.—Ofenheim, 1900, 160.—Stoss., 1892, 143 (to *Polyorchis*).
- fractum* Rud., 1819a, 107, 397 (in *Sparus salpa*; Naples).—Braun, 1893a, 910.—Carus, 1884, 124.—Cobbold, 1860a, 28.—Dies., 1850a, 377–378.—Duj., 1845a, 458.—Jacoby, 1900, 4.—Looss, 1894a, 170, 204, 219.—Luehe, 1900, 487.—Mont., 1892, Oct. 7, 174, 175; 1893, 13, 23, 24, 32 (*factum*), 33, 40, 41, 42, 43, 61, 79, 82, 83, 85, 87, 88, 91, 94, 96, 98, 102, 105, 106, 107, 114, 120, 141, 146, 167–172, 175, 186, pl. 1, fig. 9, pl. 5, fig. 62, pl. 6, figs. 81–86, pl. 7, figs. 110–111, pl. 8, figs. 112, 114.—Nord., 1832a, 35.—Odhn., 1905, 328.—Sons., 1890, 139–140 (in *Box salpa* Cuv.); 1891, 262.—Stoss., 1886, 49, to (*Podocotyle*); 1887, 184; 1892, 65.
- fragile* Lint., 1900, 269, 282, 295, pl. 39, figs. 68–70 (in *Mola mola*); 1901, 415, 420, 466.—Type of *Stenocollum* 1904.
- fraternum* Looss, 1894d, 42–48, pl. 2, figs. 13–15 (in *Pelecanus onocrotalus*); 1895a, 1896b, 60–63, 101, 154, 156, pl. 4, figs. 36, 37 (in *pelican*, Alexandria); 1899b, 535, 550, 556, to *Cenogonimus*; 1902m, 804, 805, 886, 887.—Braun, 1901e, 334, 336, 338.—Jacoby, 1900, 23.—Jagers., 1898, 9, 12.—Luehe, 1899, 539, to *Cotylogonimus* (*Cotylogonimus*).—Moniez, 1896, 143–144.—Mueh., 1898, 81, 82 (considers *D. concavum* a *Mesogonimus* and more or less related to *fraternum* and *heterophyes*).—Sons., 1896, 314.—Stoss., 1898, 42.

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- fralichii* Kowal., 1894, 3, host not given (to Echinost.); 1895, 353–355, pl. 8, figs. 4–8, 12 b; 1895, 372–390, pl. 8, figs. 1–6.
- fuligula ferina* Dies., 1858e, 355 (in *Anas ferina*; Ireland) based on Bellingham, 1844, v. 13, 430.—Stoss., 1892, 167 (to Echinost. echinatum).
- fulvum* Rud., 1819a, 98, 374–375 (in *Gadus molva* at Naples; *G. mediterraneus*).—Bellingham, 1844a, 423.—Carus, 1884, 131.—Cobbold, 1858b, 157, pl. 31, figs. 6–8 (in *Moletta quinquecirrata*) (includes *D. simplex* Rud.; *Fasc. bramae* Mueller); 1860a, 23.—Dies., 1850a, 345 (in *Lota molva*; Naples); 1858e, 335 (in *Raja batis*).—Duj., 1845a, 466.—Kroyer, 1843–45a, 166 (in *Lota molva*).—Linst., 1903, 354.—Stoss., 1886, 49.—Also reported for *Gadus mustela* Linn.; *Molva vulgaris*; *Motella mustela*.
- furcatum* Bremser in Rudolphi, 1819a, 107, 396–397, 683–684 (in *Mullus surmuletus*, *M. rubescens* at Arimini; *Gadus molva* at Naples); 1824, 133.—Braun, 1892a, 576, 584; 1893a, 910.—Carus, 1884, 124.—Cobbold, 1860a, 29.—Crep., 1837, 310.—Dies., 1850a, 378 (in *Mullus barbatus*; *M. rubescens*; Arimini; *Lota molva*, Naples; *Coryphæna hippurus*, Brazil).—Duj., 1845a, 402.—Eysenhardt, 1829, 145.—Hausmann, 1897b, 35.—Kroyer, 1838–40a, 581; 1843–45a, 166 (in *Mullus surmuletus*; *Lota molva*).—Looss, 1902m, 771, 772 (undoubtedly represents a new genus).—Luehe, 1900, 487, 488, 490, 491, 492.—Mont., 1888a, 12; 1893, 192, pl. 1, fig. 18.—Odhn., 1905, 325, 326.—Stiles & Hass., 1898a, 92.—Stoss., 1883, 116, 1886, 16.—Also reported for *Box salpa*; *Molva vulgaris*.
- furcigerum* Olss., 1868, 26, pl. 4, fig. 72 (in *Pleuronectes limanda*, *P. limandoides*).—Braun, 1892a, 643, 728, 752; 1893a, 910.—Levin., 1881a, 12, 61–64, 67, 76, 77, pl. 2, figs. 5–6 (in *Cottus scorpius*, at Egedesminde; *Pl. limanda*; *P. limandoides*).—Linst., 1890f, 179.—Mont., 1893, 61, 95, 105, 193.—Odhn., 1905, 302, 305 (type of *Steringophorus*).—Staff., 1904 (type of *Leioderma* n. g., nec Suhm, 1873).—Stoss., 1886, 28 to (*Dicrocoelium*).
- [*fusca* Sluiter, 1900, 7 (a tunicate).]
- fuscatum* Rud., 1819a, 101, 384–385 (in *Tetrao coturnix*; Ancona).—Braun, 1901, 561, 564; 1901, 941; 1902b, 114, 115 (to Harmost.).—Cobbold, 1860a, 11; 1879b, 440.—Dies., 1850a, 353.—Duj., 1845a, 445.—Stoss., 1892, 182; 1892, 40.
- fuscescens* Rud., 1819a, 113, 413 (in *Sparus dentex*; Arimini).—Carus, 1884, 130.—Dies., 1850a, 377 (in *Dentex vulgaris*; Arimini).—Luehe, 1900, 490.—Mol., 1859, 833, 838–840, 845, pl. 1, fig. 1 (in *Dentex vulgaris*; Padua).—Mont., 1893, 40, 41, 42, 43, 82, 83, 95, 102, 177–179, pl. 5, fig. 63.—Stoss., 1885, 159; 1886, 27; 1886, 59 to (*Dicrocoelium*); 1898, 45 (in *Dentex vulgaris*; Trieste).—Also reported for *Caranx trachurus*.
- fuscum* (Bosc, 1802) Poir., 1885, 6, 12–13, pl. 23, fig. 7.—Braun, 1893a, 872, 873.—Buttel-Reepen, 1902, 167, pl. 6, fig. 17.—Reported for *Doras* sp.
- fusiiforme* Zed., 1800a, 163 (in *Upupa* ep.), 171–173, *Fasc. upupa* Schrank, 1790, renamed; 1803a, 210.—Braun, 1901, 561.—Dies., 1850a, 351 (syn. of *D. involutum*).—Rud., 1809a, 377.
- gadi* Dies., 1855, 64, based on Bellingham, 1844a, 428, t. h. *Gadus aeglefinus*; Ireland.
- gadi aeglefini* Dies., 1858e, 341, based on Bellingham, 1844, 428 (renamed *D. anonymum* Dies.).
- galactosomum* Leidy, 1888i, 166–167 (in *Labrax lineatus*; U. S. A.); 1889, 611; 1904a, 216–217.—Braun, 1893a, 872; 1900h, 43.—MacCallum, 1899, 704, 707.
- gammari* Rentsch, 1860, 18, 35–50, pl. 12, figs. 7–12, 15–16 (in *Flohkrebs*, *Gammarus ornatus*).
- gammari* Linst., 1877, 186, n. sp.; 1878a, 315 (in *Gammarus pulex*).
- gammari ornati* Rentsch, 1860, in explanation of fig. 2, pl. 12 (*D. gammari* Rentsch, 1860, renamed).
- gastrocolum* Leidy, 1891a, 414–415 (in *Trichiurus lepturus*; U. S. A.); 1904a, 235–236.—Stiles & Hass., 1894, 414.
- gelatinosum* Rud., 1819a, 102, 386–387 (in *Testudo mydas*; Arimini).—Braun, 1899b, 715, 716–717; 1901b, 16, 18, 19, 29–34, figs. 6, 12, 19; 1902b, 26.—Carus, 1884, 129.—Cobbold, 1860a, 19.—Dies., 1850a, 356.—Duj., 1845a, 451.—Looss, 1899b, 570, 579, 580; 1901l, 563, 564, 565; 1902m, 445 (to *Rhytidodes*), 446, 451, 452, 454, 455, 456, 457.—Mont., 1888a, 38; 1892, 715; 1896, 165; 1903a, 86, 102.—Par., 1846.—Sons., 1890, 4 May; 1893, 5 Feb.; 1893, 183, 184



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- (in *Chelonia caretta* L.).—Stoss., 1895, 37; 1895, 226–227; 1898, 43; 1904, 3.—Also reported for *Chelone mydas*, *Emys lutraria*, *Halichelys atra*, *Podocnemis expansa*, *Thalassochelys caretta* L., *T. corticata*.
- gelatinosum* Rud. of Poir., 1886, 33–34, pl. 3, fig. 6 (nec Rud.) (in *Cistudo lutraria*).—Braun, 1899b, 716 (syn. of *D. poirieri* Stoss.); 1901, 13, 19.—Looss, 1899b, 567 (possibly identical with *Telorchis linstowi*).—Luehe, 1899, 528.—Stoss., 1904, 3 (syn. of *D. poirieri* Sons., 1893, *Telorchis poirieri* Stoss.).
- geminum* Looss, 1896b, 50–52, 54, 58, 59, pl. 4, figs. 25–27 (in *Milvus parasiticus*; Cairo); 1899b, 675 (to *Opisthorchis*).
- geniculatum* Dies., 1850a, 373–374 (in *Physophora tetrasticha*; Naples) (*D. physophoræ* Fil., renamed).—Cobbold, 1860a, 30.—Mont., 1888a, 77; 1888, 195, 196; 1893, 124.—Moul., 1856a, 217.
- genu* Rud., 1819a, 107–108, 397–398 (in *Labrus luscus*; Naples).—Braun, 1893a, 873.—Carus, 1884, 131.—Cobbold, 1860a, 27.—Dies., 1850a, 368–369.—Duj., 1845a, 462.—Looss, 1901d, 399.—Nord., 1832a, 36.—Odhn., 1901, 484, 487, 490, 496.—Stoss., 1886, 49.
- giardi* Stoss., 1898, 50–51, for *giardii*.
- giardii* Stoss., 1889, 25(3), pl. 13, fig. 56 (in *Naucrates ductor*; Trieste); 1898, 50–51 (*giardi*).—Braun, 1892a, 583, 673; 1893a, 910.—Buttel-Reepen, 1902, 202.—Mont., 1893, 29, 43.
- gibbosum* (Rud., 1802) Rud., 1809a, 399, pl. 6, fig. 8 (in *Esox belones*); 1819a, 107, 395–396.—Bellingham, 1844a, 424.—Carus, 1884, 124.—Cobbold, 1860a, 28.—Crep., 1837, 326.—Dies., 1850a, 378; 1858e, 343 (in *Gadus aeglefinus*, Ireland; 1859c, 433.—Duj., 1845a, 402.—Harz, 1881c, 5, 11.—Kroyer, 1846–1853a, 273 (in *Belone rostrata* Fabricius).—Luehe, 1900, 487, 492; 1901, 480.—Mol., 1858, 290 (in *Belone acus*; Patavii); 1861, 213.—Odhn., 1905, 356, 357 (to *Lecithaster*).—Olfers, 1816, 46.—Stiles, 1901, 193.—Stiles & Hass., 1898a, 92.—Stoss., 1886, 49.—Also reported for *Colymbus cristatus*.
- giganteum* Dies., 1858e, 331–332 (*gigantica*, 1855, renamed).—Bassi, 1875b, 508.—Braun, 1892a, 650 (*gigantea*), 568, 674; 1893d, 466; 1903a, 875, 910.—Leuck., 1863, 530.—Stiles, 1898a, 49.—Stoss., 1892, 9 (to *Cladocelum*).
- gigas* Nardo, 1827, 68–69 (in *Proctostegus proctostegus*, teste Braun); 1833, 523; 1874–1875 or (1876), 265–266.—R. Bl., 1888a, 543; 1891, 479–481, fig. 37.—Braun, 1892a, 632; 1893a, 873; 1893b, 184 (in *Proct. prototypus*).—Buttel-Reepen, 1902, 167, 168, 169, 171, 172, pl. 6, figs. 10, 10a.—Carus, 1884, 126.—Cobbold, 1858, 167; 1860a, 28; 1879b, 460.—Crep., 1837, 310.—Darr, 1902, 664, 665, 666, 669, 671, 697.—Dies., 1850a, 373.—Hoyle, 1890, 540.—Luehe, 1901, 483, “*D. gigas*” (from *Luvatus imperialis*), to *Accacolum raynerianum*, 485.—Mont., 1889, 322; 1891, 500, 520; 1893, reprint, 7–9.—Par., 1902, 6 (in *L. im.*; Portoferraio).—Poir., 1885, 6.—Setti, 1894, (19 pp.), pl. 28; 1894, 17 pp., pl. 28, 6 figs.; 1895, 316; 1895, 306; 1895, Feb. 28, 270; 1895, 367.—Stoss., 1886, 50.—Also reported for *Ansonia cuvieri*.
- glabrum* Crep., 1846, 148 (in *Salamandra maculosa*).—Dies., 1850a, 398.—Stoss., 1889, 70.
- glandulosum* Looss, 1896b, 64–68, 69, 71, 72, 76, pl. 5, figs. 41–44 (in *Taphosus nudiventris*; Ghizeh); 1898, 453, 454, 455, 456, 457, 458, figs. 1, v; 1899b, 547, 716, 717 to *Lecithodendrium*.—Stiles, 1901, 200.
- glauca* Bergh, 1884, 18, pl. 10, figs. 5–17 (in *Glaucus atlanticus*, etc., teste Braun).—Linst., 1888, 17.
- globicaudatum* Crep., 1849a, 64.
- globiferum* Lamarck, 1816, 182 for *D. globiporum*.—Nord., 1840, 618 (syn. of *Fasc. globifera*).
- globiparum* Ehrenb., 1837b, 199, for *globiporum*.
- globiporum* (Rud., 1802) Rud., 1809a, 364–367 (includes *Fasc. bramae* Mueller; *F. lanceolata* (*bramae*) Schrank, 1790; *F. tincae* Modeer, 1790; *F. longicollis* (*carpionis*) Frølich, 1791; *D. cyprinaceum* Zed., 1800; *D. carinatum* Zed.), 410, 414, 441; 1819a, 96.—Ben., 1858a, 1861a, 100, 191, 197, 203.—Braun, 1883a, 52; 1892a, 635, 695, 699, 711, 746, 747, 756, 779, 780, 783, 785, 788, 790; 1893a, 865, 879, 883.—Burm., 1835b, 187–194, pl. 2, figs. 1–6.—Cobbold, 1860a, 21.—Condorelli-Francaviglia, 1898, 2, 4, 5–7.—Crep., 1837, 310, 313, 322, 323, 324, 327, 328, 329; 1846, 152, 153, 154.—Dies., 1850a, 341 (includes *Fasc. bramae* Mueller, *F. lanceolata* Schrank, *F. longicollis* Frølich, *F. globipora*

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- Rud., *D. cyprinaceum* Zed., *D. carinatum* Zed., *D. bramæ* Zed.); 1858e, 334 (larva in *Lymnæus stagnalis*).—Duj., 1845a, 417.—Ehrenb., 1837b, 199 (globiparum); 1837, 151–180; 1838b, 15.—Gamb., 1896a, 72.—Haussmann, 1897b, 4, 6, 8, 10, 17, 18, 20, 21, 22, 39–40 (in *Scardinius erythrophthalmus*, *Chondrostoma nasus*, *Barbus fluviatilis*, *Squalius cephalus*, *S. leuciscus*, *Cobitis barbatula*, *Abramis brama*, *A. blicca*, *A. vimba*, *Alburnus lucidus*, *Acerina cernua*, *Cyprinus carpio*, *Esox lucius*, *Leuciscus rutilus*, *L. meidingeri*, *L. scardapha*, *Phoxinus laevis*, *Perca fluviatilis*, *Tinca vulgaris*, *Thymallus vulgaris*).—Kampmann, 1894b, 446.—Kroyer, 1838–40a, 20; 1846–53a, 367, 387, 434; 1852–1853a, 1222, 1223, 1224, 1225 (in *Abramis brama*, *A. blicca*, *A. vimba*, *Aspius alburnus*, *Barbus fluviatilis*, *Leuciscus erythrophthalmus*, *L. rutilus*, *Perca fluviatilis*, *Phoxinus aphyia*, *Tinca vulgaris*).—Lamarck, 1816, 182 (globiferum).—Lamouroux, 1824, 563 [*Distome à pores globuleux*].—Leuck., 1863a, 500, 501, 503, 504.—Linst., 1882, 19, fig. 24; 1885, 251.—Lint., 1901, 415 (in *Pseudopleuronectes americanus*), 420, 486, fig. 347; 1905, 328, 334, 356, 378, 393, figs. 159, 173, 198, 199 (in *Fundulus majalis*, *Leiostomus xanthurus*, *Orthopristis chrysopterus*).—Looss, 1885b, 22, 23, 24, pl. 23, fig. 18; 1894a, 41 (includes *Fasc. bramæ* Mueller; *F. longicollis* Frølich; *D. cyprinaceum* Zed., 1800; *Fasc. globipora* Rud., 1802), 2, 24, 41–48, 49 (of Ols., syn. of *D. isoporum* Looss), 50, 52, 53, 54, 58, 98, 123, 124, 136, 137, 141, 150, 151, 157, 159, 161, 162, 179, 191, 192, 195, 197, 214, 215, 216, 231, 239, 242, 243, 249, 256, pl. 1, figs. 11–14; pl. 5, figs. 95–101 (in *Abramis brama*, *A. blicca*, *A. vimba*, *Alburnus lucidus*, *Barbus fluviatilis*, *Chondrostoma nasus*, *Cyprinus carpio*, *Esox lucius*, *Leuciscus erythrophthalmus*, *L. jesus*, *L. rutilus*, *Perca fluviatilis*, *Phoxinus laevis*, *Squalius cephalus*, *Thymallus vulgaris*); 1896b, 208; 1899b, 646, 647, 648; 1902m, 757 (and *Fasc. bramæ*), 758, 760, 762, 764, 769.—Mol., 1858, 129; 1861, 199.—Mont., 1888a, 69, 72; 1892, Oct. 7, 187.—Moul., 1856a, 48 (embryo).—Mueh., 1898, 24, 28.—Nord., 1832a, 88; 1840, 616, 618 (syn. of *Fasc. globifera*).—Olfers, 1816, 45.—Ols., 1876, 16; 1893, 11.—Par., 1896, 2, to (*Dicrocoelium*).—Poir., 1885, 1, 101.—Schauinsland, 1882, 496, 497.—Sieb., 1836, 233, 236, 237, 238, 239; 1836, v. 1, 218, pl. 6; 1838, 301.—Sramek, 1901, 95 (in *Abramis vimba*, *C. V.*, *A. brama*), 96 (in *Squalius dobula* Heck.), 107–108 in *Squalius lepusculus* Heck.) (syn. *Fasc. bramæ* Mueller).—Stiles, 1901, 168, 194.—Stiles & Hass., 1898a, 95 (type of *Sphaerostoma*).—Stoss., 1883, 116; 1886, 29; 1902, 582.—Wagener, 1857, 26, 44, pl. 23, fig. 1 (in *Lymnæus stagnalis*); 1860, 170; —, v. 9, 88, 89, pl. 1, fig. 5.—Also reported for *Abramis alburnus*, *Anguilla chrysypa*, *A. vulgaris*, *Blicca björkna*, *Cobitis fossilis*, *Cyprinus balerus*, *C. barbus*, *C. blicca*, *C. brama*, *C. alburnus*, *C. dobula*, *C. erythrophthalmus*, *C. phoxinus*, *C. nasus*, *C. rutilus*, *C. tinca*, *C. vimba*, *Idus melanotus*, *Leuciscus phoxinus*, *Limnaea ovata*, *Physa fontinalis*, *Planorbis marginatus*, *Succinea pfeifferi*, *S. putris*.
- globiporum tinæ* Rud. of Dies., 1850a, 395 (syn. of *D. perlatum* Nord.).
- globocaudatum* Crep., 1825, 49–50 (in *Corvus cornix*); 1849a, 64.—Braun, 1902b, 44 (not Linst., 1883).—Cobbold, 1860a, 13.—Dies., 1850a, 351; 1858e, 337 (in *Corvus glandarius*).—Duj., 1845a, 413–414.—Fil., 1855b, 8.—Linst., 1878, 99; 1883, 307–308; 1886, 31.—Stoss., 1892, 153 (syn. of *D. cirratum* Rud.).
- globosum* Ben., 1858a, 1861a, 193 (refers to Sieb.).—Braun, 1901e, 311 (as a name of Dies. for *D. orbiculare*), 312.—Jackson, 1888, 647.
- globulus* Rud., 1814a, 104 (in *Anas fuligula*); 1819a, 109, Greifswald, 401–402.—Bellingham, 1844a, 425.—Braun, 1893a, 879; 1901, 561, 564; 1902b, 19, 152 (includes *D. gl.* Braun, 1901, 564; Crep., 1846, 142, 143, 145, 146; Dies., 1850a, 365, and 1858e, 341; Duj., 1845a, 450; Rud., 1819a, 109, 401; Stoss., 1892, 40), 155 (to Psilost., Looss) [does not use name *globulus* in combination with P.].—Cobbold, 1860a, 11.—Crep., 1846, 142, 143, 145, 146.—Dies., 1850a, 365; 1858e, 341 (in *Anas Cygnus ferus*).—Duj., 1845a, 450.—Olfers, 1816, 46.—Stoss., 1892, 182.—Also reported for *Alca torda*, *Anas fuligula*, *A. marila*, *A. sponsa*, *Dafila acuta*, *Fuligula cristata*, *F. marila*, *Harelda glacialis*, *Mergus merganser*, *M. serrator*.
- gobii* Stoss., 1883, 116–117, pl. 2, figs. 6–7 (in *Gobius jazo*; Trieste); 1886, 29; 1890, 41; 1898, 45; 1904, 12 (to *Helicometra*).—Braun, 1891d, 421; 1892a, 711, 765.—Carus, 1884, 124.—Condorelli-Francaviglia, 1898, 7.—Looss, 1901d, 399.—Mont., 1893, 83, 95, 102.—Odhn., 1901, 494, 495; 1902, 160.—Sons., 1891, 258.

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- gobii* Rentsch, 1860, 43–50, pl. 11, figs. 3–5, 8–9b–d; pl. 12, figs. 1, 5c–e (in *Gobius minutus*) [called also *D. gobii minuti* in description of plates].—Also reported for *Gasterosteus spinachia*.
- gobii minuti* Rentsch, 1860, in descr. of plates (for *D. gobii*).—Odhn., 1901, 495.
- goliath* Ben., 1858b, 95–97, 1 pl., figs. 1–5 (in liver of a *Balæna*); 1858f, 282; 1870, 365.—Braun, 1891d, 423; 1892a, 586, 721; 1893a, 875; 1893d, 466; 1902, Nov. 17, 800–803, 1 pl., to *Lecithodermus*; 1902, Dec. 30, 841–842; 1905, July, 51, 53.—Cobbold, 1860a, 8.—Dies., 1858e, 336–337 (in *Balæna borealis* [*Balænoptera rostrata* Fabricius]).—Hahn & Lefevre, 1884a, 516.—Jägersk., 1891, 132.—Lönnberg, 1891, 71–73.—Odhn., 1905, 344, 347 (to *Lecithodermus*).—Stoss., 1892, 34–35 (in *Balæna mysticetus*, *Balænoptera rostrata*).—Villot, 1878, 2.
- gracile* (Leidy, 1856) Dies., 1858e, 336 (in *Esox spec.*, *Pomotis vulgaris*).—Braun, 1893a, 871; 1900h, 43, 44, 45.—MacCallum, 1899, 704.—Mont., 1893, 155.—Stoss., 1886, 50.—Also reported for *Apogon anullorum*.
- gracile* of Wright, 1879, 9 (in *Perca flavescens*).—Braun, 1899g, 491 (probably syn. of *Clinost. marginatum* Rud.); 1900h, 43, 45.
- gracile* of Lint., 1898, 523–524, pl. 46, figs. 6–8 (in *Lepomis auratus*, *Eupomotis pallidus*, *Chænobryttus gulosus*).—Braun, 1899g, 491 (probably syn. of *Clinost. marginatum* Rud.); 1900h, 44, 45 (thinks Poirier's form, 1886, 39, pl. 3, fig. 8, from *Axinurus dugesi*, may belong here).
- gracile* of MacCallum, 1899, 704, pl. 39, fig. 7.—Braun, 1900h, 44, 45, probably syn. of *Clinost. marginatum*.
- gracilescens* Rud., 1819a, 111, 409 (in *Lophius piscatorius*; Triest).—Braun, 1893a, 886.—Bremer, 1824c, pl. 9, figs. 17–18.—Cobbold, 1858b, 161, pl. 32, figs. 33–37 (in *Lophius piscatorius*); 1879b, 462.—Crep., 1837, 326.—Dies., 1850a, 374–375; 1858e, 361 (in *Loph. pisc.*) (to *Rhipidocotyle*).—Duj., 1845a, 462.—Kroyer, 1838–40a, 471.—Lint., 1878a.—Maddox, 1867, 97.—Stoss., 1898, 61.—Tennent, 1906, 638 (to *Gasterost.*)—Wagener, 1860, 189.
- grande* Rud., 1819a, 676–677 (in *Platalea ajaja*; Brazil).—Braun, 1901g, 561, 564–565; 1902b, 24 (of Braun, 1901g, 564; Dies., 1850a, 346 (of Duj.); 1845a, 446 (of Rud.); 1819a, 676; and of Stoss., 1892, 2; to *Mesaulus*), 26, figs. 16–19.—Cobbold, 1860a, 12.—Dies., 1850a, 346–347.—Duj., 1845a, 446.—Odhn., 1902, 32, 34, 35.—Stoss., 1892, 182.
- grandiporum* Rud., 1819a, 110–111, 407–408 (in *Muræna helena*; Naples).—Braun, 1893a, 873.—Cobbold, 1860a, 23.—Dies., 1850a, 342, 371–372 (includes *D. varium* Eysenhardt, *D. dimidiatum* Crep.).—Duj., 1845a, 421.—Johnston, 1901, 337.—Kroyer, 1852–53a, 778 (in *Acipenser sturio*).—Lint., 1898, Jan. 20, 520–521, pl. 44, fig. 9; 1901, 415, 418, 436, 486 (in *Anguilla chrysypa*, *Pseudopleuronectes americanus*); 1905, 328, 334, 351 (in *Leptocephalus conger*).—Looss, 1899b, 640 (to *Hemirurus*).—Luche, 1901, 476–477.—Mol., 1859, 826–828, pl. 2, fig. 5 (syns. *D. varium* Eysenht., *D. dimidiatum* Crep.) (in *Acipenser sturio*, Greifswald; *Anguilla vulgaris*, Padua; *Muræna helena*, Naples).—Odhn., 1905, 360.—Olss., 1876, 20.—Stoss., 1886, 14; 1902, 582.
- granulum* Rud., 1809a, 394–395 (in *Cottus scorpius*) (includes *Fasc. scorpii* Mueller, 1776); 1819a, 106.—Cobbold, 1860a, 27.—Dies., 1850a, 366.—Duj., 1845a, 457.—Kroyer, 1838–40a, 138, 368 (in *Zoarces viviparus*, *Cottus scorpius*).—Nord., 1840, 620 (syn. of *Fasc. scorpii*).—Olfers, 1816, 46.—Stoss., 1886, 50.
- grassum* Biermer, 1863a, 395 (for *crassum*).
- gruis* (Gmelin, 1790) Zed., 1803a, 221–222.—Baird, 1853a, 55 (syn. of *D. echinatum* Zed.).—Dies., 1850a, 383 (syn. of *D. ech. Zed.*).—Rud., 1809a, 432; 1819a, 115.
- gulosum* Lint., 1901, 415, 418, 454, figs. 315–317 (in *Rhombus triacanthus*).—Nicoll, 1907, 69.
- gyrini* Linst., 1884, 141–142, pl. 10, figs. 27–28 (in tadpole of *Rana temporaria*).—Braun, 1893a, 870.—Stoss., 1889, 68.
- hæmatobæ* Ben., 1858a, 219 (for *D. hæmatobium*).
- hæmatobium* Bilharz, 1852a, 72–76 (in *Homo*; Egypt); 1853a, 454–456, figs. a–k; 1853 [in Sieb., 1853], 59–62, pl. 5, figs. 11–15 (in *Homo*; Egypt); 1856a, 49–52, 65–68.—Agnew, 1881, 709.—Aitken, 1866, 841, fig. 14a (to *Bilharzia*); 1872, 206, fig. 37.—Albarran, 1897b, 1098, 1104, 1105, 1106.—Almeida Couto,

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1872, 4, 6, 7, 13, 24, 42.—Anders, 1903, 6. ed., 1245–1246.—Batho, 1872b, 502; 1872, 331.—Belleli, 1885b, 54–56, figs. 19–20.—Ben., 1858a, 1861a, 188, 199, 200, 201; 1878a, 276.—R. Bl., 1888a, 636 (includes Bilh. hæm. Cobbold).—Bomford, 1887a, 53–55, pl. 11 to (Bilh.), reported for cattle in Calcutta.—de Bonis, 1876, 158, pl. 2, figs. 14–15; 1882, 174, pl. 2, figs. 14–15.—Bouchut, 1879a, 874–877 (chyluria).—Bowly, 1891a, 194–195 (eggs in lungs and urinary organs).—Braun, 1883a, 41, 66–68, 181, fig. 17; 1903, 3. ed., 169 (to Schistosomum).—Brooks, 1897a, 492–493 (case in N. Y.); 1897, 617.—Burghart, 1904, XI, 6 (eggs); 1904, XII, 13, 2250.—Cantani, 1886, 9 (hematuria); 1886, 73.—Cobbold, 1859d, 364; 1860, 31; 1864b, 34, 197–204, figs. 44–45; 1865, —; 1865, 617; 1866, 6; 1871h, 359; 1871g; 1871k; 1873, 145; 1879b, 39.—Crevaux, 1874a, 173, 177.—Da Costa, 1884, 935.—Damaschino, 1882a, 949; 1882, 150; 1883a.—Dav., 1860, 312; 1877a, pp. lxxvii, lxxix, fig. 41; 318–321, fig. 13; 939, 940–944, 946, 973.—Delafield & Prudden, 1897, 130.—Dunglison, 1893, 142, 338, 506, 820, 1174.—Ebstein, 1884a (vesicicle calculi).—Eichhorst, 1901a, 301.—Fritsch, 1867a, 752.—Goubert, 1878a, 132–133, fig. 61.—Griesinger, 1854a, 561–575; 1866a, 96; 1866, 381 (hæmatobium); 1872a, 472.—Guès, 1879a, 168.—Günther, 1858a, 208–209.—Hackley, 1886a, 519, fig. 885.—Handford, 1887b, 240–245, pl. 7, figs. 1–3; 1889a, 424–425.—Harley, 1865, 1869, 394; 1869, 379–387; 1871, 47; 1871, 359.—Haupt, 1878a, 19–20.—Hillmantel, 1893a, 230–233, figs. 1–3; 1893b, 4 pp., 3 figs.—Hoek, 1859, 42 (D. hæm. venæ portarum).—Huber, 1894, 294, 295, 296, 297, 298, 299; 1896, 580 (to Bilharzia).—Ijima, 1889b, 155.—Joel, 1866a, 308.—Jourdan, 1877a.—Kartulis, 1885a, 139–145, figs. 1–4 (eggs in abdominal organs); 1885b, 188–189; 1898b, 474–486, fig. 1; 1898c, 258–259.—Keating, v. 3, 768.—Koch, —, 11, 14, 21.—Kuech., 1855, 212–222, pl. 6, figs. 1–3.—Lancereaux, 1876.—Leão, 1896a, 233–234.—Lejtenyi, 1881a, 3.—Leuck., 1863a, v. 1, 9, 47, 49, 50, 111, 127, 449, 453, 455, 466, 488, 526, 617–632, figs. 145, 208–216; 1868, v. 2 (2), 458; 1876, v. 2 (3), 628, 629, 630, 633, 637, 638, 873; 1879, 10, 58, 59, 61, 163, 165, 166, 188, 211, figs. 29, 78.—Leuck., 1886d, 7, 44, 46, 47, 127, 128 to (Bilharzia), 129, 148, 166, figs. 29, 78.—Lewis, 1872, 3.—Loose, 1892, 82; 1905, 100 (to Schistosoma).—Manson, 1901, 542 (to Bilharzia); 1903, 3. ed., 605 (to Schistosomum).—Mantey, 1880.—Meckel, 1856, 46–47.—Meinecke, 1897a, 209–211, 1 pl. (bladder case).—Meissner, —, 84–85.—Mosler & Peiper, 1894, 179–185, figs. 71–73.—Moul., 1856a, 25, 48, pl. 4, fig. 25.—Nachtigal, —.—Nitze, 1891, 40, 1891, 692.—Ogden, 1900, 267–268, figs. 49–50.—Paul, 1860, 20.—Purdy, 1900; 208–210, figs. 32–33.—[Renoult, 1808, 366–370.]—Reyer, 1856, 214.—Rieder, 1899, 84, fig. 19.—Rindfleisch, 1884, 203, 210–211.—Roberts, 1865, 493.—Rochard, 1871, 298.—Roger, 1901, 95.—Ruetimeyer, —.—Sachs-Bey, 1880, 1253–1255.—Sandwith, 1901, 690.—Schiess-Bey, —, 303.—Schneidemuehl, 1896, 300–301.—Shaw, 1901, 645.—Sieb., 1852, 59–62, 71; 1852, 537; —, 454.—Simon, 1897, 99, 209, 224, 510.—Simpson, 1872, 320–321.—Sondern, 1897, 554–557, figs. 1–6.—Sons., 1875, 9; 1876, —.—Stiles, 1898a, 58–60 (to Schistosoma), figs. 41–44, 48.—Stiles & Haas., 1898a, 93, 98 (type of Schistosoma).—Stoss., 1892, 5 (to Gynæcophorus).—Swart, 1862, 33, 36–37.—Tedeschi, 1886, 73–75.—Thacher, 1893, 826.—Wagener, 1857, 26.—Wagner, 1883, 121–122.—Ward, 1895, 253 (to Gynæcophorus), 328; 1903, 872 (to Schistosoma).—Weichselbaum, 1898, 315.—Wood & Fitz, 1897, 9, 335.—Virchow, 1891, —.—Zancarol, 1882, 144; 1883, 45; 1884, 306.—Zuckerlandl, 1880, 1253.—Zuern, 1882, 220, 223.

*hæmatobium hominis* Dies., 1855, 63, footnote (for D. hæmatobium).

*hæmatobium venæ portarum* Hoek, or Pag., 1859, 42 (for D. hæmatobium).

*hæmatoma* Braun, 1891d, 426, see hematoma.

*halecis* (Gmelin, 1790) Zed., 1803a, 222.—Dies., 1850a, 372 (syn. of D. ocreatum Rud.).—Mont., 1891, 496.—Rud., 1809a, 398.

*halosauri* Bell, 1887a, 116–117 (in Halosaurus macrochir; Cape St. Vincent).—Braun, 1892a, 580, 665; 1893a, 876; 1893d, 467.—Hoyle, 1890, 540.—Mont., 1889, 322; 1893, 83.

*helicis* Leidy, 1847, 220–221 (in Helix alternata).—Dies., 1855a, 398 (renamed Cercariæum Helicis alternatæ); 1858d, 278 (syn. of Cercariæum vagans).

*helicis asperæ* Dies., 1850a, 302–303 (based on Duj., 1845a, 472, in liver of Helix aspersa) (to Heterost.).

*helicis pomatiæ* Dies., 1850a, 303 (to Heterost.), see also Mueller's Arch., v. 5, p. 71, pl. 1, fig. 7.—Vaney & Conte, 1899, 196.

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- hematoma* Semprum, 1890, 596 (in *Homo*; Cuba).—R. Bl., 1891p, 611–612.—Braun, 1891d, 426 (*hæmatoma*).
- hemicyclum* Mol., 1859, 829–830 (in *Belone acus*; Padua).—Carus, 1884, 127.—Stoss., 1886, 43 to (*Echinost.*).
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*heterophyes hominis* Dies., 1855, 64, for *heterophyes*.

*heteroporum* Duj., 1845a, 402–403 (in *Vespertilio pipistrellus*; Rennes) to (*Brachycoelium*).—R. Bl., 1891, 467–468.—Brand., 1888, 249, 250, pl. 17, fig. 4.—Braun, 1891d, 421; 1892a, 568, 579, 715, 766; 1893a, 911; 1893b, 185 (in *Vesperugo pipistrellus*); 1900, 224, 227; 1900, 388.—Cobbold, 1860a, 8; 1879b, 294.—Dies., 1850a, 382–383.—Kolenati, 1857, 12.—Linst., 1884, 139.—Looss, 1892, 66; 1896b, 86; 1899b, 547, 611, 614, 618, 718 (type of *Pycnoporius*); 1902m, 772.—Luehe, 1899, 536, 537.—Staff., 1903, 828.—Stiles, 1901, 197, 199, 200, 201, 202, 203.—Stoss., 1892, 12 (in *Nannugo pipistrellus*; Hameln, Rennes).

*heterostomum* Rud., 1809a, 50, 381–382 (in *Ardea purpurea*; t. 1. apparently Europe); 1819a, 102–103, 388, 680.—Braun, 1892a, 578, 674, 721; 1893a, 872, 873, 910; 1899, 1 (*Dicrocoelium*); 1899g, 465, 484, 485, 486 (of *Rud.*, 1809a, to *Clinost.*); 1900, 140–141; 1900h, 4, 9, 13, 14, 15, 16, 17, 18, 19 (includes the following as *syns.* of *Clinost. heterostomum*: *Rud.*, 1809a, 1819a; *Duj.*, 1845a; *Dies.*, 1850a; *Stoss.*, 1892; *Par.*, 1896) (in *Ardea cinerea*, *A. purpurea*, *Nycticorax griseus*), 20, 24, 25, 26, 28, 29, 30, 31, 42, 43, pl. 1, figs. 1–2; 1901, 561.—Cobbold, 1860a, 10.—Dies., 1850a, 353 (includes *Fasc. epatica* of *Rosa*, in *Ardea purpurea*).—Duj., 1845a, 400.—Leuck., 1863, 503.—Looss, 1899b, 650, 651.—



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- MacCallum, 1899, 697, 704, 705, 706, 707.—Mont., 1893, 95.—Olfers, 1816, 44.—Par., 1896, 2.—Stiles & Hass., 1898a, 86 (includes *C. gracile* Leidy, 1856, type of *Clinost. Leidy*).—Stoss., 1892, 64; 1892, 159; 1898, 42.—Wright, 1879, 3, pl. 1, fig. 1.—Also reported for *Ardea herodias*.
- heterostomum* from *Ardea purpurea* in Turin collection ("C. No. 43 resp. C. No. 361") and in collection of Par. (collected at Geneva).—Braun, 1899g, 491 (*Clinost. foliiforme*); 1900h, 30.
- heterostomum* Rud. of Linst., 1883, 306; 1886, 30, fig. 49.—Braun, 1899g, 491 (not *Clinost. heterostomum* but perhaps *Cl. complanatum*).
- heterostomum* Rud. of Wright, 1879, and MacCallum, 1899.—Braun, 1899g, 491 (not *Clinost. heterostomum* but probably *Cl. marginatum*); 1900h, 29, 43.
- heurteli* Poir., 1885, 9, 10, pl. 23, fig. 2 (in *Thynnus vulgaris*).—Buttel-Reepen, 1902, 167, 172, pl. 6, fig. 13.
- hians* Rud., 1809a, 359–360 (in *Ardea nigra*; Greifswald); 1814a, 101; 1819a, 94, 366, 680.—Baird, 1853a, 51 (includes *D. oesophagi ardeae nigrae* Viborg).—Ben., 1858a, 1861a, 171, 202; 1868, 295, 296, 298, 299–300, pl. 1, figs. 6–7.—Braun, 1891d, 424 (in *Ardea cinerea*); 1892a, 584, 662, 699, 764, 768, 776, 784, 785, 786; 1893a, 873; 1893, 354; 1895b, 17; 1899g, 485, 486, 489 (from *Ardea cinerea*, in Pavia, and from *Nycticorax griseus*, in Cagliari, as syn. of *Clinost. heterostomum*); 1899, 465; 1900, 24, 25; 1900h, 14, 15, 17, 18, 19, 23; 1901b, 33; 1901, 896; 1901, 561; 1902b, 4.—Cobbold, 1860a, 10.—Condorelli, 1897c, in 118–124 (in *Hydrocolæus minutus*).—Crep., 1837, 311, 316, 324.—Dies., 1836, 248; 1850a, 337–338; 1858e, 333.—Duj., 1845a, 399.—Gamb., 1896a, 63.—Gurll, 1845, 276.—Kueck., 1855, 192.—Leuck., 1879, 14, 15; 1886d, 11.—Looss, 1892a, 14; 1899b, 562–563 (type of *Cathæmasia*).—MacCallum, 1899, 706.—Mueh., 1896, 588–589; 1896, 252–257, figs. 3, 10; 1898, 28.—Mueller, 1897, 15–16, pl. 2, fig. 6.—Nathusius, 1837, 65.—Nord., 1832a, 90, 93; 1840, 617.—Olfers, 1816, 44.—Par., 1887, 331, pro parte (in *Nycticorax griseus*) (syn. of *Clinost. heterostomum* teste Braun, 1900h, 19).—Sieb., 1835, 66, 73, 82.—Stoss., 1891, 111; 1892, 160 (syn. *D. complanatum*).—Wagener, 1857, 26.—Will.-Suhm, 1876, 337, 339.—Also reported for *Ardea nycticorax*, *A. purpurea*, *Ciconia alba*, *C. nigra*.
- hippopodii* Vogt, 1854, 97–98, 99, pl. 15, fig. 3 (in *Hippopodius leteus*; Quoy et Gaimard, Mediterranean).—Braun, 1893a, 852.—Gracile, 1860a, 13.—Mont., 1888a, 77; 1888, 195; 1893, 124.
- hirudinis* Brand., 1888a, 13, misprint for *hirudinis*.
- hirsutum* Looss, 1896b, 68–73, 76, 78, 81, 98, pl. 5, figs. 45–49 (in *caméléon*; Alexandria); 1899b, 547 to *Lecithodendrium*.—Luehe, 1899, 536.—Stiles, 1901, 200.
- hirudinis* Henle.—[Crep., 1841a, 79 (*Distome* in *Hirudo vulgaris*), does not use combination].—Dies., 1850a, 418 (syn. of *Heptast. hirundinum Schomburgk*).
- hirundinum* Zed., 1800a, 163, 169–171 (for *hirudinis* Frœlich) in *Hirundo apus*, *H. urbica*; Europe; 1803a, 210.—Braun, 1901, 566; 1902b, 46 (syn. of *Plagiorchis maculosus*).—Dies., 1850a, 349 (syn. of *D. maculosum*).—Rud., 1809a, 374.
- hispida ventriculi accipenseris sturionis* Viborg, 1795, 243, see *hispidum*.
- hispidum* Abildg. in Rud., 1819a, 118, 423–424 (in *Accipenser sturio*; Arimini, Berlin); 1809a, 435 (syn. of *D. sturionis* for *D. hispida accipenseridis sturionis*).—Ben., 1870, 83.—Braun, 1892a, 567, 583, 594, 729, 737;—Carus, 1884, 126.—Cobbold, 1858b, 162, pl. 32, figs. 47–48, pl. 33, figs. 49, 50 (in *Accipenser sturio*); 1860a, 36.—Crep., 1829, 73–76; 1837, 311, 312, 325.—Dies., 1850a, 392–393.—Duj., 1845a, 470.—Kroyer, 1852–53a, 21, 778 (in *Accipenser sturio*; *Osmerus eperlanus*).—Leidy, 1887, 24.—Lint., 1901b, 414, 422, 478, fig. 321, 322, 323 (in *Phycis tenuis*); 1905, 328, 334, 364, 400, 478 (includes as hosts: *Menticirrhus americanus*; *Seriola lalandi*).—Looss, 1894a, 218; 1899b, 576, 581; 1901, 634.—Mehlis, 1831, 187–190.—Nord., 1832a, 90.—Odhn., 1902, 154.—Stoss., 1885, 156; 1886, 41; 1891, 216.—Also reported for *Accipenser glaber*, *A. ruthenus*, *A. stellatus*.
- histrix* Dies., 1850a, 393–394 for *D. hystrix*; 1858d, 268.—Duj., 1845a, 433.—Mol., 1858, 131; 1861, 223.—Mont., 1888, 198.
- holostomum* Rud., 1819a, 94–95, 368 (in *Rallus aquaticus*; Vien. Mus.).—Braun, 1892a, 772; 1901, 561, 565; 1902b, 136 (syn. of *Urogonimus macrostomus* Rud.) (includes Dies., 1850a, 339; Duj., 1845a, 446; Rud., 1819a, 94, 368; Sieb., 1848, 144; 1853, 433; Walter, 1866, 14; Zeller, 1874, 574); 137.—Cobbold,

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- 1860a, 11.—Dies., 1850a, 339, includes *D. ralli*; 1858d, 277.—Duj., 1845a, 446.—Fil., 1855b, 25.—Moul., 1856a, 21, 183 (in *Rallus aquaticus*; *Gallinula porzana*; *G. chloropus*).—Par., 1896, 2.—Sieb., 1836, 234.—Stoss., 1892, 145, to *Cladocellium*.—Wagener, 1857, 24, 45.—Walter, 1866, 64.
- homoeostomum* Dies., 1858e, 343 (*D. Trigla pini* Bellingham, 1844a, 428 renamed) (t. h. *Trigla* (Pini) cuculus; in ventriculo, Hibernia, Bellingham).—Cobbold 1860a, 30.—Stoss., 1886, 50.
- homolostomum* Linst., 1887, 104–105, pl. 2, figs. 5, 6, 17a (in *Limnæa stagnalis*).—Braun, 1893a, 873.
- horridum* Leidy, 1850, 303–304, pl. 43, fig. 1 (in *Boa constrictor*); 1850f, 118; 1856b, 44; 1904a, 41, 87, 227.—Braun, 1893a, 876; 1893d, 467.—Cobbold, 1860a, 20.—Dies., 1858e, 355.—Looss, 1894a, 196.—Luehe, 1899, 531, 532.—Sons., 1890,—; 1893, 499; 1893, 215–216; 1893, 2 pp.; 1893, 28 Oct., 566.—Stoss., 1895, 220 (in *Python molurus*); 1904, 2.—Volz, 1899, 235, 237.
- hospitale* Staff., 1900, 403, fig. 3 (in *Diemyctylus viridescens*); 1902, 481 (in *Plethodon*) to (*Brachycoelium*).
- hyalinum* Rud., 1809a, 389 (in *Salmo eriox*) Fasc. eriocis renamed; 1819a, 105.—Cobbold, 1860a, 26.—Dies., 1850a, 363.—Duj., 1845a, 465.—Harz, 1881c, 5 (syn. Fasc. eriocis Mueller).—Kroyer, 1843–45a, 624 hyatinum (in *Salmo eriox*).—Nord., 1840, 620 (syn. of Fasc. eriocis).—Olfers, 1816, 46.—Stoss., 1886, 50.
- hyans* Moul., 1856a, 49, misprint for hians.—Mehlis, 1831, 190.
- hyatinum* Kroyer, 1843–45a, 624 misprint for hyalinum.
- hyla* Rud., 1819a, 121 (in *Hyla arborea*).—Dies., 1850a, 342 (syn. of *D. cygnoides*).
- hystrix* Duj., 1845a, 433 (in *Pleuronectes maximus*, *P. platessa*).—Braun, 1892a, 655; 1893a, 865, 871, 873.—Carus, 1884, 128.—Dies., 1850a, 393 (histris); 1858e, 353 (in *Merlangius carbonarius*, *Lepidoleprus trachyrhynchus*; *Lophius piscatorius*; *Rhombus maximus*).—Fil., 1855b, 18, 19.—Gamb., 1896a, 72.—Kroyer, 1838–40a, 610, 612 (in *Platessa vulgaris*; *Rhombus maximus*).—Looss, 1899b, 581, 696 (to *Stephanost.*).—Mol., 1861, 223.—Moul., 1856a, 212 (Filippi believes *Cerc. echinocerca* is the young form), 219 (in *Pleuronectes maximus*; *P. platessa*).—Ols., 1868, 52.—Stoss., 1886, 37.
- hyterophytes* Cobbold, 1883, 401 (for heterophyes).
- [*illotum* Sluiter, 1898 (a tunicate).]
- imbutiforme* Mol., 1859, 839, 844–845 (in *Labrax lupus*; Padua).—Carus, 1884, 127.—Looss, 1899b, 576, 578, 581, 582; 1901, 631.—Mont., 1893, 177.—Stoss., 1883, 115; 1886, 36.
- imitans* Mueh., 1898a, 17–18 (in *Abramis brama*; Kœnigsberg i. Pr.); 1898b, 25, 91, fig. 8b.—Looss, 1899b, to *Asymphyllodora*.
- imparispine* Lint., 1905, 327, 334, 371, figs. 189–194, in *Rachycentron canadus*; N. C.
- incerta* Cobbold, 1885g, 177–178, 1 fig. (in *Coluber*; Maldonado, Rio Plata).—Braun, 1893a, 872.—Stoss., 1895, 230.—West, 1896, 322.
- incistidata* Erc., 1881e, 96, pl. 2, fig. 10, 11, 12; 1882a, 332 (probably incistidata simply means incysted and is not used as a specific name).
- incisum* Rud., 1809a, 361, 435 (*D. anarrhichæ lupi* Rathke, renamed); 1819a, 94, 122.—Ben., 1870, 48, pl. 4, fig. 5.—Braun, 1893a, 875.—Cobbold, 1860a, 22.—Dies., 1850a, 339.—Duj., 1845a, 461–462.—Jacoby, 1900, 12, 13.—Kroyer, 1838–40a, 380 (in *Anarrhichas lupus*).—Linst., 1903, 278.—Odhn., 1905, 310.—Olfers, 1816, 45.—Type of *Fellodist.*, 1904.
- incivile* Leidy, 1856b, 44 (in *Leiostomus obliquus*); 1904a, 87.—Cobbold, 1860a, 20.—Dies., 1858e, 350 (in *Leiost. obliq.*; Philadelphia).—Stoss., 1886, 40; 1895, 231.—Also reported for *Sciæna obliqua*.
- inclusum* Polonio, 1859, see Par., 1894, 149 (in *Triton punctatus*; Padova).
- incommodum* (Leidy, 1856) Leidy, 1891a, 414 (includes *D. oricola* Leidy, 1884); 1904a, 235.—Mont., 1892, 715.
- incomptum* Stoss., 1886, 51, for incommum.
- incomtum* Rud., 1819a, 683 (in *Chaetodon* sp., Brazil).—Cobbold, 1860a 27.—Dies., 1850a, 367.—Duj., 1845a, 459.—Stoss., 1886, 51 (incomptum).
- inconstans* Lint., 1905, 327, 334, 400, fig. 183–187, in *Chaetodipterus faber*; N. C.

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- incrassatum* Dies., 1850a, 390–391 (in *Lutra solitaria*; Brazil); 1855, 68, pl. 3, figs. 22–25; 1858e, 350 (in *L. sol.*).—Braun, 1901e, 317–318, 328, fig. 5, 8, 9; 1902b, 27.—Cobbold, 1879b, 298.—Mont., 1888a, 14.—Stoss., 1892, 30 (to *Echino*st.).
- increascens* Ols., 1868, 36–37, pl. 4, fig. 83 (in *Scomber*, *Merlucius*, *Hippoglossus*).—Ben., 1870, 37.—Braun, 1892a, 699.—Lint., 1901, 415, 479.—Mont., 1893, 95.—Odhn., 1905, 332 (in *Scomber*), 338 (syn. of *Lepodora rachia*, type).—Stoss., 1886, 42, to (*Echino*st.) (in *Hippoglossus maximus*, *Merlucius vulgaris*, *Scomber scombrus*).—Also reported for *Gadus merlangus*, *G. morrhua*.
- inermis* Nitzsch, MS., in Rud., 1819a, 375 (in *Anas boschas fera*) (syn. of *D. oxycephalum*).—Dies., 1850a, 346 (syn. of *D. oxyc.*).
- inermis* Fil., 1857c, pl. 2, fig. 16, for *D. inermis paludinæ impuræ*.—Erc., 1881e, 35; 1882a, 271.—Harz, 1881c, 4.
- inermis* Linst., 1879, 183 (in *Petromyzon fluviatilis*).
- inermis paludinæ impuræ* Fil., 1857c, pl. 2, fig. 16.—Erc., 1881e, 33; 1882a, 269.
- inflatum* Crep., 1849, 64 (in *Alauda arvensis*).
- inflatum* Mol., 1859, 826 (in *Anguilla vulgaris*; Padua).—Braun, 1892a, 699.—Loos, 1899b, 576, 581, 582; 1901, 634.—Mont., 1888a, 14 (? *Creplin* or ? *Molin*); 1893, 83, 95.—Odhn., 1902, 154.—Ols., 1868, 37.—Par., 1887, 335, pl. 6, fig. 37.—Stoss., 1885, 157; 1886, 42; 1902, 582.
- inflexum* (Rud., 1802) Rud., 1809a, 395–396 (includes *Fasc. jesis* Gmelin), host *Cyprinus jesis*; 1819a, 106.—Cobbold, 1860a, 26.—Crep., 1837, 326.—Dies., 1850a, 365–366 (includes Bloch, 1782a, 11, pl. 2, figs. 10–11; *Fasc. jesis* Gmelin, 1790a, 3058; *F. inflexa* Rud., 1802, 82–83; *D. carinatum* Zed., 1803a, 217).—Duj., 1845a, 463.—Erc., 1881e, 56; 1882a, 292.—Nord., 1832a, 88.—Olfers, 1816, 46.—Stoss., 1886, 51.—Wagener, 1857, 44.—Also reported for *Idus melanotus*.
- ingens* Moniez, 1886b, in 531–543, pl. 15, figs. 1–10 (host unknown); 1887d, 100–102; 1887e, 271; 1887f, 242–243; 1896, 143.—Bl., 1888a, 543; 1891r, 692–693 (syn. of *D. clavatum* Rud.).—Braun, 1889a, 397 (host unknown); 1892a, 586, 690; 1893b, 184.—Buttel-Reepen, 1900a, 585, 586, 587, 588, 590, 591, 592; 1902, 167, 171, 172, 173, 176, 196, 202, 206, pl. 6, fig. 18.—Darr, 1902, 666, 677, 678, 685.—Hoyle, 1890, 540.—Mont., 1888a, 39, 47; 1893, 22, 26, 27, 34, 36, 65, 72, 73.
- innocuum* Bætz of Taylor, 1884, 53 (for *D. hepatis innocuum*).—Caraes, 1888a, 36ff.—Grall, 1887a, 460.—Ijima, 1899b, 139.—Laspeyres, 1904a, 6, 12 (*innocuum*).—Loos, 1907, Feb. 1, 141, 148 (syn. of *Clonorchis sinensis*).
- innocuum hepatis* La Clínica de Málaga, 1883, 309 (for *D. hepatis innocuum*).—St.-Remy, 1883, 529.
- innocuum* Laspeyres, 1904a, 6, 12, for *innocuum*.
- insigne* Dies., 1850a, 347 (in *Echinorhinus spinosus*) (*D. scimna* Risso, 1826, renamed); 1858e, 335.—Ariola, 1899, 7, 9 (syn. of *D. veliporum* Crep.).—Braun, 1892a, 586, 591, 592, 593, 603, 608, 617, 623, 624, 625, 628, 635, 647, 655, 666, 669, 677, 682, 686, 690, 708, 712, 717, 719, 724, 731, 733; 1903a, 873.—Buttel-Reepen, 1902, 170, 171, 202, pl. 6, fig. 23.—Crep., 1851, 1, 296.—Darr, 1902, 683.—Fischer, 1883a, 29.—Jägers., 1900, 72.—Jourdan [1881b], 5, 9.—Kerbert, 1881a, 551, 557, 574.—Lander, 1904a, 7.—Linst., 1903, 354.—Loos, 1885b, 5, 10, 17, 26; 1894a, 152, 198, 199.—Mont., 1893, 27, 33, 34, 52, 77, 95, 102, 107, 192.—Ols., 1896, 508 (cf. *D. veliporum* Crep.).—Poir., 1885, 4, 21, 25, 26, 30, 32, 33, 37, 40, 42, 44, 48, 49, 51, 53, 61, 62, 70, 74, 75, 80, 82, 83, 87, 88, 94, 97, 105, 106, 107, 109, 117, 118, 120, 127, 129, 142, 150, pl. 33.—Villot, 1876, 1345; 1878, 2, 3–18, pl. 5, fig. 8, pl. 6, figs. 1–9, pl. 7, figs. 1–3, pl. 8, figs. 1–10; 1882, 506, 507.—Wolf, 1903, 619.—Ziegler, 1883, 545.
- instabile* Duj., 1845a, 412 (in *Sorex fodiens*; Rennes), to (*Brachylaimus*).—Braun, 1901, 342.—Cobbold, 1860a, 8; 1879b, 296.—Dies., 1850a, 387.—Stoss., 1892, 16 (in *Crossopus fodiens*; Rennes).
- intermedium* Mehli, in Crep., 1846, 138, 139 (in *Colymbus cristatus*, *C. subcristatus*).—Dies., 1850a, 397.—Stoss., 1892, 183.
- [*intersectus* Lænnec, 1807, 1812c, 9–12 (*Distomus n. g.*), in *Homo*.]
- [*intestinale* Rud., 1819a, 119, see *D. aluconis intestinale*.]
- intestinale* Taylor, see Carter, 1862a, xxxi, in int. of *Homo*; District of Dacca, India.
- intestinalis ardeæ nigræ* Viborg, 1795, 242.

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*intestinalis testudinis mydæ* Viberg.—See Rud., 1809a, 433 (syn. of *D. testudinis mydæ* Rud.).

*intestinalis vulpis* Viborg, 1795, 242.

*invaginatum* Mayer, 1841a, 17, *D. appendiculatum* renamed.

*involutum* Rud., 1809a, 377–378 (in *Upupa epops*), includes *Fasc. upupæ* Schrank, 1790, and *D. fusiforme* Zed., 1800a, from *Upupa epops*; 1819a, 101 (July).—Braun, 1901, 561.—Cobbold, 1860a, 13.—Dies., 1850a, 351 (includes *Fasc. upupæ* Schrank, 1790, 123; *D. fusiforme* Zed., 1800a, 171, and 1803a, 210).—Olfers, 1816, 44.—Stoss., 1892, 183.

*irroratum* Rud., 1819a, 105, 393–394 (in *Testudo mydas*; Arimini, May).—Braun, 1893a, 873; 1893d, 466; 1899b, 715, 717–718, 722; 1901b, 20, 36–38, figs. 27, 30, 32.—Carus, 1884, 129.—Cobbold, 1860a, 20.—Dies., 1850a, 364 (in *Halichelys atra*; Arimini).—Duj., 1845a, 451–452.—Looss, 1899b, 590 (belongs to or is closely related to *Astia* judging from Braun, 1899, 717); 1901i, 558, 559, 560 (ex parte syn. of *Pachypsolus lunatus* Looss, type of genus); 1902m, 485 (to *Pachypsolus*; includes *P. lunatus* (Rud.) Looss, 1901, 558), 486, 487, 493, 494, 496, 497, 499, 503, 504, type of *Pachypsolus*, 505.—Mont., 1892, 715; 1896, 165.—Par., 1894, 147 (in *Thalassochelys caretta*; Rimini).—Stoss., 1895, 231.—Also reported for *Thalassochelys corticata*.

*ischnum* Leidy, 1890, 415 (in *Saurus fortens*; Beach Haven, N. J.).

*isoporum* Looss, 1894a, 2, 49–56, pl. 1, figs. 15–18, pl. 5, figs. 102–112 (in *Cyprinus carpio*, *Phoxinus phoxinus*, *Leuciscus rutilus*, *Abramis brama*, *Squalius cephalus*, *Tinca vulgaris*, *Esox lucius*), 58, 59, 97, 124, 127, 136, 137, 140, 144, 153, 154, 157, 159, 162, 167, 179, 191, 192, 208, 209, 212, 214, 215, 218, 231, 251, 264; (includes *Fasc. longicollis* Frølich, c. p.; *D. globiporum* Rud. of Ols.); 1894, 17; 1896b, 46; 1899b, 57c (type of *Creadium*); 1900 (type of *Allocreadium*).—Braun, 1900, 232; 1901b, 33.—Hausmann, 1897b, 4, 6, 17, 20, 22, 27 (in *Barbus fluviatilis*).—Kowal., 1896d, 3 (253) (in *Cyprinus carpio*; Dublany).—Linst., 1903, 281.—Odhn., 1901, 483.—Staff., 1902, 481 (in *Lemotilus bullaris*).—Stoss., 1901, 94 (6).

*isoporum armatum* MacCallum, 1895, 401–406, figs. 1–4 (in *Aplodinotus grunniens*, *Lepomis gibbosus*, *Accepenser rubicundus*; Lake Erie and Grand River of Ontario).—Looss, 1902, 785 (not *Allocreadium isoporum*, but allied to *D. sophiæ*).—Type no. 6856 U. S. Nat. Mus.

*isostomum* Rud., 1819a, 105, 392–393 (in *Astacus fluviatilis*).—Baer, 1827, 553.—Bettend., 1897a, 29, 30; 1897, 333, 334.—Braun, 1892a, 632, 683, 684, 685, 686.—Cobbold, 1860a, 30.—Crep., 1829b, 64–66; 1837, 310, 325, 326.—Dies., 1850a, 363 (includes Carus, 1818, 51; *D. cirrigerum* Baer?).—Duj., 1845a, 471–472.—Gaffron, 1883a, 508, 509.—Harz, 1881a–b; 1881c, 1.—Haswell, 1887a, 294.—Jackson, 1888, 643–644.—Kampmann, 1894b, 452, 453, 454, 455, 457, 458, 459, 462, pl. 19, figs. 1–5.—Knoch, 1894a, 5, 13, 15, 16, 17.—Linst., 1903, 281.—Looss, 1893b, 809; 1894a, 8, 10, 20, 143, 145, 146, 149.—Mehlis, 1831, column 184.—Mont., 1888a, 47, 48; 1893, 65, 66, 67, 69, 74.—Moul., 1856a, 217.—Mueh., 1898, 14.—Poir., 1885, 147.—Zaddach, 1881, 893.

*italica* Stoss., 1893, 135 (6) (in *Lichia amia*; Trieste, Sept.); 1898, 51–52.—Jacoby, 1900, 17.

*jacksoni* Braun, 1892, 44; 1893d, 466, for *jacksonii*.

*jacksonii* (Cobbold, 1869) Braun, 1892a, 567, 650, 674, 710, 875, 910; 1892, 44 (*jacksoni*); 1893d, 466.

*japonicum* Bl., 1888a, 596, 618–621, figs. 320–322 (in *Homo*) (includes *D. hepatis endemicum* sive *perniciosum*; *D. hepatis innocuum*), 631; 1891, 607 (syn. of *D. sinense* Cobbold).—Billet, 1893a, 509 (syn. of *D. sinense* Cobbold).—Braun, 1893f, 386, 425; 1903, 3 ed., 161 (syn. of *Opisthorchis sinensis*).—Brunet, 1902a, 125.—Gamb., 1896a, 63.—Huber, 1896a, 577 (syn. of *D. spatulatum* Lkt.).—Katsurada, 1900, 479.—Looss, 1905, 90 (syn. of *Opisth. sin.*).—Simor., 1897, 223.—Sons., 1889, 278 (syn. of *D. endemicum* Bætz).—Ward, 1895, 328 (in *Homo*) (see *D. sinense*); 1903, 870.

*kampanulatum* Schneidemuehl, 1896, 302, for *campanulatum*.

*kölikerii* Cobbold, 1860a, 30 (*D. pelagiæ* Kœlliker renamed) (in *Argonauta argo*, *Pelagia noctiluca*).—Mont., 1893, 122, 124.

*köllikerii* Mont., 1893, 122, 124, corrected form of *kölikerii*.

*kommulatum* Schneidemuehl, 1896, 303, for *commutatum*.

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- kongenitum* Schneidemuehl, 1896, 302, for *conjunctum*.  
*krassum* Schneidemuehl, 1896, 302, for *D. crassum*.  
*kuneatum* Schneidemuehl, 1896, 303, for *D. cuneatum*.  
*labiatum* Rud., 1819a, 108, 400 (in *Syngnathus pelagicus*; Naples, July).—Braun, 1893a, 875.—Carus, 1884, 129.—Cobbold, 1860a, 27.—Dies., 1850a, 370.—Duj., 1845a, 468.—Pag., 1862, 305.—Stoss., 1886, 51.  
*labii* Linst., 1889, 79, for *labri* Stoss.  
*labracis* Duj., 1845a, 398, to (*Dicrocoelium*), (in *Labrax lupus*; Rennes).—Barbagallo & Drago, 1903, 410 (in *Labrax lupus*; Catania).—Ben., 1858a, 1861a, 179; 1870, 24, to (*Echinost.*).—Dies., 1850a, 399.—Fraip., 1880c, 417.—Kroyer, 1838-40a, 578 (in *Lab. lup.*).—Looss, 1901, 399.—Luche, 1900, 487.—Mol., 1859, 843.—Odhn., 1901, 513, 514.—Stoss., 1898, 46-47 (in *Lab. lup.*; Trieste).—Also reported for *Labrus maculatus*.  
*labri* Rud., 1819a, 122 (in *Labrus rupestris*; C. E. V.).—Dies., 1850a, 344 (syn. of *D. fasciatum*).  
*labri* Ben., 1870, 45, n. sp. (in *Labrus maculatus*).—Looss, 1901d, 399.  
*labri* Stoss., 1886, 30 (in *Labrus mixtus* (nec Rud.)); 1887, 91-92; 1887, 186; 1898, 45.—Linst., 1889, 79 (*labii*).—Odhn., 1901, 493, 494, 495; 1902, 160 (syn. of *Helicometra pulchella*).—Sons., 1891, 257, 258.  
*labri rupestris* Olss., 1876, 20-21.—Mont., 1891, 500.—Reported for *Ctenolabrus rupestris*, *Labrus rupestris*.  
*lacerta* Rud., 1819a, 121 (in *Lacerta caerulea*; C. E. V.).—Dies., 1850a, 355 (syn. of *D. mentulatum*) (in *Lacerta agilis*; Berlin).—Stoss., 1895, 218.—Also reported for *Lacerta viridis*.  
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*lagena* Brand., 1888, 249, 250 (*ascidia* Ben., 1873, nec Rud., 1819, renamed).—Braun, 1900, 388.—Looss, 1899b, 556, 609 (type of *Lecithodendrium*), 618, 715, 716; 1902m, 827; 1907, Mar. 5, 484 (of Looss, 1899b, 715, syn. of *Lecithodend. granulosum*).—Stiles, 1901, 200.  
*lagena* (Gmelin, 1790) Rud., 1809a, 366.  
*lageniforme* Lint., 1898, 524-525, pl. 47, fig. 12 (in *Remora remora*); 1901, 415, 421, 473.  
*lancea* Dies., 1850a, 334 (in *Delphinus tuscus*; bil. duct, Barra do Rio Negro, Brazil); 1855, 64, pl. 2, figs. 17-19; 1858e, 333.—Ben., 1870, 362.—Braun, 1892a, 574; 1893a, 875; 1893, 354; 1900g, 250; 1901e, 314.—Cobbold, 1860a, 6; 1876, 35, pl. 10, fig. 1; 1879b, 416, 417, fig. 67.—Linst., 1886, 125.—Looss, 1902m, 790 (*amphitypic*).—Mont., 1888a, 8.—Stoss., 1892, 26-27 (in *Orcella brevirostris*; *Delphinus tuscus*; Brazil).—Weski, 1900, 4 May, 579-583, 1 fig.  
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- lanceolum* Gronkowski, 1902a, 519 (12) (for *lanceolatum*).
- lanceulatum* Baldi, 1900a, 222-224 (for *lanceolatum*).
- lasium* Leidy, 1891a, 415-416 (in *Ilyanassa obsoleta*; Beach Haven, N. J.).
- laticolle* Rud., 1819a, 117, 421 (in *Caranx trachurus*; Naples, Ariminis, to (Echinost.).)—Braun, 1892a, 575, 576.—Carus, 1884, 126.—Crep., 1837, 311.—Dies., 1850a, 386.—Duj., 1845a, 432.—Kroyer, 1838-40a, 597 (in *Caranx trachurus*).—Looss, 1899b, 580.—Mont., 1890, 422; 1893, 191, pl. 1, fig. 17.—Stoss., 1886, 35.
- laticolle* Mueh., 1896, 590 (in *Anas glacialis*; East Prussia), not Rud., 1819, see *platyurum*.
- laureatum* Zed., 1800a, 164, 192-194 (in *Salmo trutta*; Europe); 1803a, 219.—Blainv., 1824a, 518, type of "lobostome."—Braun, 1892a, 735, 736, 784, 785, 786; 1893b, 184; 1900, 231, 232; 1900, 389; 1901b, 31.—Dies., 1850a, 380 (includes *Fasc. farionis* Mueller; *F. truttæ* Froelich).—Duj., 1845a, 435, to (*Crossodera*).—Kroyer, 1838-40a, 615; 1843-45a, 644; 1846-53a, 54 (in *Thymallus vulgaris* Cuv.; *Salmo trutta* Linn.; *S. fario* Linn.).—Linst., 1903, 279.—Mont., 1893, 85, 86, 94.—Nord., 1840, 621 (to *Fasc.*).—Olfers, 1816, 46.—Oss., 1876, 24; 1893, 12.—Risso, 1826, 262.—Rud., 1809a, 413-414; 1814a, 102; 1819a, 113, 413.—Sieb., 1850, 645.—Stoss., 1886, 18 (in *Coregonus oxyrrhynchus*, *Salmo salvelinus*, *Thymallus vulgaris*, *Trutta fario*, *T. trutta*).—Wagener, 1860, 165.—Also reported for *Coregonus lavaretus*, *Salmo fario*.
- [*laysani* Sluiter, 1900, 9 (a tunicate).]
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- leidy* Cobbold, 1860a, 10 (*Clinost. dubium* renamed).—Stoss., 1892, 181.
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- leptosomum* Crep., 1829, 57-58 (in *Tringa variabilis*); 1831, 177; 1837, 311, 316, 318; 1846, 136.—Braun, 1892a, 650; 1893b, 183 (in *Synapta inhaerens*).—Cobbold, 1879b, 438.—Dies., 1850a, 384.—Duj., 1845a, 428.—Mehlis, 1831, column 177.—Mont., 1888a, 14; 1893, 95.—Stoss., 1892, 169 (to *Echinost.*).—Villot, 1875, 475, 476; 1878, 24-26, 33, pl. 5, figs. 4-6 (in *Tringa variabilis*, *Calidris arenaria*).
- leptosomum* Roewer, 1906, 185, 186, for *leptostomum*.
- leptostomum* Olss., 1876, 18-19, pl. 3, figs. 38-40 (in *Meles taxus*).—Braun, 1892a, 699, 722, 723, 734, 735; 1899g, 492 (to *Harmost.*); 1900h, 5, 6, 11, 12; 1901e, 338, type of *Harmost.*, 341.—Hofmann, 1899a, 174-204, pls. 11-12 (development from *Cercariaeum helicus*).—Looss, 1894a, 2, 120, 125, 136, 140, 168, 169, 170, 171, 173, 179, 184, 197, pl. 3, fig. 50, pl. 6, fig. 113; pl. 7, fig. 133 (in *Erinaceus europæus*); 1899b, 556, 652, 746 (type of *Heterolope*).—Roewer, 1906, 185, 186 (*leptosomum*).—Stoss., 1892, 17 (in *Erin. europ.*, *Me. tax.*) (includes *D. caudatum* Linst.), to (*Brachylaimus*); 1898, 24, syn. of *Mesogonimus linguiformis*.
- leucochloridi* Leuck., 1858a, 115, see *Leucochloridium paradoxum*.
- ligula* Ben., 1870, 1871a, 17 (in *Scymnodon ringens*; Portugal).—Linst., 1903, 354.
- lima* Rud., 1809a, 37, 408, 427-429 (in *Vespertilio auritus*, *V. murinus*; Europe) (includes *Fasc. vespertilionis* Mueller, 1788; ? *Plan. vesp.* Goze, 1782; *Fasc. picta* Rud., 1802; *D. vesp.* Zed., 1803); 1819a, 117, 119.—Ben., 1873, 25.—Brand., 1888, 249, 250.—Braun, 1892a, 663; 1900, 221, 223, 229, 234, 236; 1900, 388, 389, 390.—Cobbold, 1860a, 7; 1879b, 294.—Crep., 1829, 70-72; 1837, 311, 322, 326.—Dies., 1836, 240; 1850a, 349, 387.—Duj., 1845a, 437-438.—Kolenati, 1857, 11, 12.—Lamoureux, 1824, 563 (*Distome lime*).—Linst., 1885, 248; 1887, 103.—Looss, 1899b, 590; 1907, Mar. 5, 483 (of Ben., 1872, 25, figs. 1-6, 18, possibly belongs to *Parabascus*).—Luehe, 1899, 530, 532 (type of *Plagiorchis*); 1901n, 487.—Mehlis, 1831, 185-186.—Mueh., 1898,

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- limnae ovalæ* Linst., 1885, 251, pl. 15, fig. 28.
- linnaei* Dies., 1850a, 302 (to *Heterost.*), based on Duj., 1845a, 473 (in *Lymnaeus palustris*; Rhedoni).
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- lingua* Crep., 1825a, 47–48 (in *Larus marinus* v. *maximus*; Dec., apparently Europe); 1837, 310; 1846, 139.—Braun, 1892a, 569, 699, 721.—Cobbold, 1860a, 11.—Dies., 1850a, 343 (*L. argentatus*).—Duj., 1845a, 448.—Jacoby, 1900, 23.—Jegers., 1899a, 16 pp., 1 pl., figs. 1–4; 1901, 982; 1903a, 1, 5.—Kowal., 1896d, 252 (2) (in *Dominicanus marinus*; Livon.).—Looss, 1899b, 586 (type of *Tocotrema*).—Luehe, 1899, 539.—Mont., 1893, 94.—Mueh., 1898, 21–22, 29, 94–96, fig. 16 (in *Larus ridibundus*; see *D. mühlengi*; Pillau, Mar.).—Olss., 1876, 15; 1893, 11.—Stoss., 1892, 158; 1896, 129; 1898, 41–42.
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- longicolle* Crep., 1825a, 57-59 (includes *D. embryo* Olfers; in *Perca cernua*, *P. vulgaris*); 1837, 310.—Ben., 1858a, 1861a, 203.—Braun, 1892a, 784, 785.—Dies., 1850a, 365 (in *Acerina vulgaris*; Berlin) (syn. of *D. embryo*).—Duj., 1845a, 455.—Leblond, 1835c, 103 (in *Muræna conger* Linn.); 1836f, 4.—Moul., 1856a, 48, 219 (in *Perca cernua*, *P. fluviatilis*).—Vaulleuard, 1899, 82.—Wagener, 1857, 26.
- longicolle* (Frølich, 1791) Harz, 1881c, 5, 11.
- longicolle* Crep., 1846, 154, 155 (in *Cottus gobio*).—Sieb., 1848, 142 (in *Cottus gobio*).
- longicolle* (Abildg., 1788) Cobbold, 1860a, 18-19 (in *Tropidonotus naja*).
- longissimum* Linst., 1883, 308-309, pl. 9, fig. 50 (in *Ardea stellaris*; Turkestan); 1886, 32.—Braun, 1892a, 567, 699, 711, 722; 1893a, 875; 1893, 353; 1893f, 426; 1894i, 602, 605; 1899, 4.—Looss, 1896b, 58.—Mont., 1893, 83, 95, 102.—Stiles & Hass., 1894e, 418; 1896c, 151-155, figs.—Stoss., 1892, 161 (*Botaurus stellaris*); 1904, 12.
- longissimum* Poir., 1886, 29-30, pl. 1, fig. 6 (in *Delphinus tursio*).—Braun, 1892a, 699.—Mont., 1893, 41.—Par., 1896, 1-3 (= *D. tursionis Marchi*).—Stoss., 1892, 25-26 (in *Delph. tur.*).
- longissimum corvinum* Stiles & Hass., 1894e, 418 (in *Corvus americanus*, *C. ossi-fragus*); 1896c, 151-155, figs.—Looss, 1899b, 564, to *Opisthorchia*.
- longissimum corvinum* Stiles & Hass., 1896c, 155, misprint for *corvinum*.
- longum* Leidy, 1851, v. 5, 206, v. 8, 44, 340 (in *Esox estor*; Cleveland, Ohio).—Braun, 1893a, 872.—Cobbold, 1860a, 24; 1879b, 458.—Dies., 1855, 64, footnote 13; 1858, 340.—Stoss., 1886, 52.—Wolf, 1903, 605, fig. 1.—Type of *Megadistomum* 1904.—Also reported for *Esox reticulatus*.
- lorum* Duj., 1845a, 407 (? syn. *Monost. ocreatum*) (in *Talpa europæa*; Rennes), to (*Brachylaimus*).—Braun, 1892a, 567, 579, 597, 642, 662, 663, 671, 699, 700, 705, 723, 737; 1893a, 893; 1900, 13; 1900h, 6; 1901, 897; 1902b, 135, syn. of *Ityogonimus ocreatus*.—Dies., 1850a, 326 (syn. of *Monost. ocreatum*).—Kuech., 1855, 181.—Looss, 1899b, 653 (type of *Dolichosomum*); 1900, 608 (type of *Dolichodemias*); 1901m, 192.—Luehe, 1899, 538, syn. of *D. ocreatum* Zed., which is taken as type of *Ityogonimus*.—Melnikow, 1865a, 49-55, pl. 3, figs. a-b.—Mont., 1892, 41; 1893, 155.—Stoss., 1892, 17-18 (includes *Monost. ocreatum*; *M. acreatum*) (in *Talpa europæa*, Vienna, Offenbach, Rennes, Denmark).—Volz, 1899, 232.—Will.-Suhm, 1870, 12.
- loxia* Rud., 1819a, 120 (in *Loxia chloris*; *L. coccothraustes*; *L. pyrrhula*; *C. E. V.*).—Duj., 1845a, 443.—Stoss., 1892, 149 (syn. of *D. mesostomum*).
- lucii* Rud., 1819a, 122 (in *Esox lucius*; Greifswald, Jan.) for *D. esocis lucii* Rud., 1809a, 438.—Dies., 1850a, 399.
- lucii* (Mueller, 1776) Zed., 1800a, xvii, 163, 173-175; 1803a, 213, pl. 3, fig. 3.—Ben., 1858a, 1861a, 100 (syn. of *D. tereticolle*).—Dies., 1850a, 358 (*luzii*, syn. of *D. teret.*).—Harz, 1881c, 5 (syn. of *D. teret. Rud.*).—Looss, 1894a, 5 (syn. of *D. teret.*).—Rud., 1809a, 380 (syn. of *D. teret.*).—Schmalz, 1831, 25.—Sramek, 1901, 105 (syn. of *D. teret.*).
- lucio-perca* (Mueller, 1776) Zed., 1803a, 216.—Dies., 1850a, 381 (syn. of *D. nodulosum*).—Rud., 1809a, 411, 412 (syn. of *D. nod.*).—Sramek, 1901, 106 (syn. of *D. nod. Zed.*).
- lucipetum* Rud., 1819a, 94, 367 (in *Larus glaucus*, *L. fuscus*; Mus. Vien.).—Braun, 1893a, 877; 1893d, 468; 1897c, 2-3; 1901, 561, 565-566; 1902b, 31 (to *Philophthalmus*), 32 (includes *Bremser*, 1824, pl. 9, figs. 1-2; Rud., 1819a, 94, 367; Duj., 1845a, 400; Braun, 1897, 2; 1901, 565; Dies., 1850a, 338; Stoss., 1892, 15, 37).—Cobbold, 1860a, 11.—Crep., 1837, 317.—Dies., 1850a, 338.—Duj., 1845a, 400-401, to (*Dicrocoelium*).—Looss, 1899b, 701 (to *Philophthalmus*).—Mol., 1859, 844.—Moul., 1856a, 50.—Nord., 1832a, 17.—Stoss., 1892, 157.
- lutea* Ben., 1870, 3, pl. 4, fig. 9 (in *Scyllium canicula*); 1878, 28.—Ariola, 1899, 8 (syn. of *D. betencourti*).—Braun, 1892a, 700, 705, 720, 721, 736.—Jacoby, 1900, 11.—Linst., 1903, 354 (syn. of *D. betencourti*).—Looss, 1902, 129.—Mont., 1890, 424.—Stoss., 1886, 52 (in *Sc. can.*, *Mugil chelo*).

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- luteum* Baer, 1826a, 125 (*Paludina vivipara*); 1827, 610–611, pl. 29, figs. 20–22.—Braun, 1892a, 632.—Crep., 1837, 310, 325, 326.—Dies., 1850a, 302 (renamed *Heterost. ovatum*); 1858d, 279, 280 (of La Valette and Wagener, syn. of *Cercariaeum ovatum*) (in *Esox lucius*) “Wagener: n. sp.”—Err., 1881c, 45, 46, pl. 2, fig. 8; 1882a, 281, 282.—Fil., 1854a, 25.—Fraip., 1880c, 445, 446.—Gamb., 1896a, 62, fig. 30.—Leuck., 1863a, 466, figs. 149, 154, 155; 1879, 10, fig. 1 (of La Valette); 1886d, 6 (of La Valette), fig. 1.—Mont., 1893, 60, 82, 190 (syns. *Heterost. ovatum* Dies.; *Dist. luteum* La Valette, 1854, 86, Wagener, 1853, 103, Pag., 1857, 34; *Cercariaeum ovatum* Dies., 1858, 279; *Dist. ovatum* Cobbold, 1860a, 30), 191 (of Ben., 1870, 3; Stoss., 1886, 52; Mont., 1890, 432, renamed *betencourti*).—Moul., 1856a, 213, 215 (*Heterost. ovatum* Dies. as syn.), 216 (in *Paludina vivipara*), 229, 230.—Mueh., 1898, 11.—Pag., 1854, pl. 3, fig. 15, in *Paludina vivipara*; 1857, 6, 34, pl. 3, fig. 13 (in *Paludina vivipara*).—Sons., 1897, 252.—Wagener, 1857, pl. 23, fig. 3 (in liver of *Paludina vivipara* and in int. of a Hecht, at Nice).
- luzii* Dies., 1850a, 358, misprint for *lucii* (Mueller) Zed. (syn. of *D. tereticolle*).
- lydiae* (Stoss., 1896) Looss, 1899b, 581 (to Stephanost.).—Type of *Dihemistephanus*, 1901.
- lymnæi auricularis* Fil., 1854, 25–26, 30, pl. 2, fig. 32 (in *Lymnæus auricularis*); 1854, 280–282, pl. 2, fig. 32; 1855b, 23.—Dies., 1855a, 398 (to *Cercariaeum*).—Wagener, 1857, pl. 36.
- lymphaticum* Linst., 1903t, 353–354, figs. 3–4 (in *Mustelus vulgaris*).—Odhn., 1906, 64 (syn. of *D. megastomum*).
- macconnelli* Cobbold, 1876, 97, *D. sinense* renamed.
- macrobothrium* Ben., 1870, 70, pl. 4, fig. 1 (in *Osmerus eperlanus*).—Stoss., 1886, 52.
- macrocotyle* Dies., 1858e, 342 (in *Orthogoriscus mola*, intestine; Ireland), based on Bellingham, 1844a, 429.—Braun, 1892a, 569; 1893a, 873, 910; 1901b, 27.—Lint., 1898, 522, 523, pl. 45, figs. 8–10, pl. 46, 1–5; 1900, 282; 1901b, 415 (in *Mola mola*, *Myliobatis freminvillei*), 421, 434, 466.—Looss, 1894a, 165; 1899b, 631; 1900, 487.—Mont., 1893, 23, 27, 29, 30, 32, 40, 47, 80, 81, 83, 93, 94, 95, 96, 102, 108, 113, 115, 119, 126, 127, 128, 132, 133, 134, 135 (= *D. megninii*), 136, 137, pl. 1, fig. 7, pl. 3, fig. 27, pl. 4, figs. 43–47; 1903, 10.—Olss., 1868, 24.—Par., 1902, 6 (in *Lophius piscatorius*, *Orthogoriscus mola*; *Tonnara d'Enfola*).—Sons., 1891, 258 (in *Lophius piscatorius*).—Stoss., 1886, 20; 1887, 185; 1896, 190, to (*Podocotyle*); 1898, 52.
- macrolaimus* Linst., 1894b, 334–335, fig. 9 (in *Vesperugo pipistrellus*).—Braun, 1900, 227–228; 1900, 388.—Looss, 1899b, 618, to *Lecithodendrium*; 1902m, 774.—Luehe, 1899, 536.
- macrophallus* Linst., 1875a, 190–192, pl. 2, figs. 12–13 (in *Totanus hypoleucos*); 1877, 183; 1887, 104 (*macrophallus*).—Braun, 1892a, 585, 736, 737; 1893a, 838, 839, 849; 1900, 234; 1902b, 50, 155.—Jägers., 1900, 738, to (*Levinsonia*).—Looss, 1894a, 135; 1899b, 620; 1902m, 704.—Luehe, 1899, 537.—Nicoll, 1906, 524.—Odhn., 1900, 13; 1905, 317.—Stiles & Hass., 1902d, 20.—Stoss., 1892, 147 (in *Actitis hypoleucos* at Ratzeburg, *Totanus fuscus* at Hameln).—Ward, 1901, 184.
- macrophallus* Linst., 1887, 104.
- macropoculum* Cobbold, 1860a, 25 (in *Orthogoriscus mola*) (new name for *D. macrocotyle* Dies.; *D. orthogorisci mola* Bellingham).—Mont., 1893, 127.
- macroporum* Mont., 1893, 133–138, pl. 4, figs. 48–49 (in *Lophius piscatorius*).—Stoss., 1898, 52 (syn. *D. macrocotyle* Stoss.) (in *L. pisc.*; Trieste).
- macrostomum* (Rud., 1803) Rud., 1809a, 382, 383, 386–387, 393 (in *Motacilla lusein*); 1819a, 104.—Bavay, 1902a, 200.—Bettend., 1897a, 7, 15, 39; 1897, 311, 319, 343.—Bremser, 1824, 133.—Braun, 1883a, 56; 1891c, 215, 219; 1892a, 593, 597, 598, 603, 607, 608, 638, 640, 641, 642, 675, 676, 677, 682, 684, 685, 687, 693, 700, 701, 703, 712, 713, 718, 736, 773, 775, 777, 778, 779, 780, 784, 785, 798, 801, 803, 806, 807, 808, 814; 1893a, 818, 819, 820, 823, 824, 825, 829, 830, 831, 841, 855, 856, 860, 862, 863, 865, 868, 874, 879; 1893b, 177; 1895b, 134, 135; 1901, 561, 566, 568; 1902b, 42, 43 (coll. Vienna, 469, from *Parus major*, as syn. of *Plagiorchis elegans*), 137.—Cobbold, 1860a, 14; 1879b, 436.—Creutzberg, 1890a, 11.—Dies., 1850a, 361 (includes *D. erraticum* et *philomelæ* Rud., 1819a, 120; *D. ringens* Rud., 1819a, 101, 385).—Duj., 1845a, 443.—Gamb., 1896a, 62, 64–67, 72, figs. 32, 33.—Heckert, 1887a, 456ff; 1889a, 66 pp., 4 pls., monograph,

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- life history, *Leucochloridium*; 1889b, 357–362; 1890a, 42–43; 1891a, 189; 1892a, 189.—Hoyle, 1890, 540, fig. 4 A. B. (has remarkable larva known as *Leucochloridium paradoxum*).—Jackson, 1888, 648 (rep. system), 651 (= *Leucochloridium* Kowal., 1896i, 353 (9), to (*Urogonimus*); 1896d, (4), 254 (in *Turtur aurita*; Dublany).—Leuck., 1879, 95; 1886d, 72.—Looss, 1892, 101, 116, 122, 159; 1894a, 151, 179, 181, 202, 206, 236, 240, 252, 262; 1896b, 139, 140; 1899b, 536, 646, 647.—Mont., 1888a, 92; 1892, Oct. 7, 187; 1892, 713; 1893, 157.—Mueh., 1898, 101.—Nicoll, 1906, 521.—Olfers, 1816, 44.—Stiles, 1901, 194.—Stoss., 1892, 183; 1898, 23.—Westhoff, 1890, 337–339.—Wolf, 1903, 617, 618.—Wolffhuegel, 1900, 9, 24, 40, 41, 43, 44.—Also reported for *Aegithalus pendulinus*, *Apternus tridactylus*, *Budytes flavus*, *Corvus corone*, *Dryocopus martius*, *Garrulus glandarius*, *Picus major*, *Succinea putris*).
- macrostomum* Schlotthauber, 1860, 130 (in *Petromyzon fluviatilis*).
- macrourum* Rud., 1819a, 98 (in *Corvus cornix*), *D. longicauda*, 1809, renamed.—Baird, 1853a, 50, includes *D. clathratum* Deslongchamps and *D. albicollis* Rud.—Braun, 1891, 101; 1892a, 764 (*macrurum*); 1893a, 875; 1901, 561, 562, 565; 1902b, 99 (pp. of Stoss., 1892, 13, syn. of *Dicrocoelium albicollis*), 106 (syn. of *Lyperosomum longicauda*), 107 (includes Dies., 1850a, 345; Linst., 1883, 309; 1886, v. 2, v. 34; Rud., 1819a, 98; Stoss., 1892, 13 pp.).—Cobbold, 1860a, 11.—Crep., 1837, 324; 1846, 132.—Dies., 1850a, 345 (in *Corvus cornix*, *Anthus arboreus*, *Turdus merula*; Rhedoni) (includes *D. attenuatum* Duj. ?).—Linst., 1883, 309–310; 1886, 34.—Nord., 1832a, 93.—Rail., 1900, 240.—Stoss., 1892, 156.—Also reported for *Alauda arborea*, *Aquila pennata*, *Cypselus apus*.
- macrurum* Braun, 1892a, 764 (for *macrourum*).
- maculatum* Looss, 1901d, 402–404, fig. 3 (in *Labrus merula*, *Crenilabrus pavo*, *C. griseus*; Triest).
- maculosum* (Rud., 1802) Rud., 1809a, 374–375 (in *Hirundo apus*; *H. rustica*; *H. urbica*) (includes *Fasc. hirundinis* Froelich, *D. hirundinum*); 1814a, 101; 1819a, 100, 382–383.—Baird, 1853a, 52.—Braun, 1892a, 642; 1901, 561, 566; 1902b, 37, 46, 47, 48, 49 (includes Dies., 1850a, 349, 412; Ols., 1876, 14; Stoss., 1892, 11) (to *Plagiorchis*).—Cobbold, 1860a, 13.—Dies., 1850a, 349 (includes *D. hirundinum* Zed.; *Fasc. hirundinis* Froelich); 1858d, 260 (larva = *Cerc. (Acanthocephala) virgula*); 1858e, 337 (adult in *Cypselus apus*, *Hirundo riparia*, *H. rustica*, *H. urbica*, *Caprimulgus europæus*; larva in *Valvata piscinalis*; *Paludina impura*).—Duj., 1845a, 412–413.—Erc., 1881e, 23; 1882a, 259.—Fil., 1855b, 8, 9.—Giebel, 1857, 266.—Harz, 1881c, 4, 7.—Kowal., 1896d, (3), 253 (in *Hirundo rustica*).—Linst., 1901, 195–197, pl. 9, fig. 24.—Looss, 1899b, 557.—Luehe, 1899, 532.—Moul., 1856a, 43 (des *Hirondelles*), 152, 163.—Mont., 1893, 95.—Olfers, 1816, 44.—Ols., 1876, 14.—Pag., 1857, 53.—Par., 1896, 2.—Stoss., 1892, 13.—Walter, 1892, 250.—Wolffhuegel, 1900, 9, 18.—Also reported for *Chelidon rustica*, *C. urbica*, *Cotyle riparia*, *Drusus trifidus* McLach.
- magnum* Bassi, 1875b, 497–515, pls. 1–3, figs. 1–10, 1–7, 1–3 [in Hirsch; *Mandria*].—Braun, 1893a, 875, 877, 882, 910; 1897a, 1468.—Curtice, 1887, Nov., 390–392.—Dinwiddie, 1892, 4.—Erc., 1881e, 90; 1882a, 326.—Francis, 1894, 450.—Gamb., 1896a, 4, 68.—Huber, 1896a, 576.—Leuck., 1902b, 797–799; 1893c, 435–436.—Looss, 1899b, 556.—Par., 1894, 50.—Sons., 1889, 275 (to *Fasc.*).—Stiles, 1892e, 148; 1892g; 1892m, 464–466; 1894c; 1898a, 49.—Stoss., 1892, 9 (syn. of *Cladocelium giganteum*).—Ward, 1895, 253 (to *Fasc.*), 332 (in *Bos taurus*), 338 (in *Equus caballus*); 1903, 866 (to *Fasc.*).
- marculentum* Braun, 1901g, 948 (in *Emberiza citronella*; *Vien. Mus. no. 620*); 1902b, 148–150, fig. 91.
- margaritarum* Dubois, 1901, 603–605 (in *Mytilus edulis*); 1901, 149–150.—Seurat, 1901, 700–702.
- marginatum* Rud., 1819a, 680 (in *Ardea* sp.; Brazil, May).—Braun, 1892a, 578, 663, 734; 1899g, 485, 486, 490, to *Clinost.*; 1900h, 18, 25, 26, 27, 28, 29, 30, 45; 1900, 141; 1901, 561.—Dies., 1850a, 354 (syn. of *D. dimorphum*).—Duj., 1845a, 446.—Looss, 1899b, 650.—Mont., 1893, 155.—Stoss., 1892, 175 (to *Mesogonimus*).—Wagener, 1852, 555–557.
- marginatum* Mol., 1858, 128–129 (in *Anas crecca*; Batavii); 1861, 198–199, pl. 1, figs. 13–14.—Cobbold, 1860a, 10.—Dies., 1858e, 333 (in *A. cr.*; Patavii).—Stoss., 1892, 149.
- m'connelli* McConnell, 1878a, 406, for *macconnelli*.

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- medians* Ols., 1876, 25–26, pl. 4, figs. 59–63 (in *Bufo vulgaris*).—Braun, 1892a, 583, 642, 721, 736, 737.—Looss, 1893b, 811; 1894a, 2, 82, 83, 84, 91 (e. p., syn. of *D. clavigerum*), 92, 95, 96, 99, 105–108, 119, 126, 137, 158, 159, 167, 173, 181, 182, 191, 192, 197, 210, 211, 212, 214, 219, 221, 230, 256, 264, 273, pl. 2, figs. 36–38, pl. 8, figs. 168, 169; pl. 9, figs. 187–188 (in *Bufo calamita*: *B. variabilis*; *B. vulgaris*; *Rana esculenta*; *R. temporaria*); 1894, 5, 50; 1896b, 91, 94, 96; 1898, 461; 1899b, 616, 622, 623 (to *Pleurogenes*).—Luehe, 1900, 558; 1901, 169.—Mont., 1893, 86, 95, 102; 1896, 151, 152.—Mueh., 1898, 23.—Nickerson, 1900, 813, 814.—Staff., 1900, 412, 414; 1902, 724.—Stoess., 1889, 70.
- medians* Ols. of Staff., 1900, Aug. 30, 412.—Staff., 1905, Apr. 11, 683=*D. arcanum* Nickerson, 1900, Oct., to *Loxogenes* as type.
- megacotyle* Dies., 1850a, 379 (negacotyle), 659, *D. velellæ* Fil., renamed (in *Velella spirans*; Naples) (negacotyle).—Cobbold, 1860a, 30.—Linst., 1904a, 14 (in *Stenodus nelma*; Siberia).—Mont., 1893, 123.—Moul., 1856a, 217 (in *Vel. sp.*).
- megalocotyle* Mont., 1893, 52, 53, pl. 8, fig. 124.—Linst., 1903, 354 (megacotyle, misprint).
- megaloon* Linst., 1879, 337–338 (in *Lacerta agilis*).—Stoess., 1895, 231 (in *L. ag.*).
- megastomum* Rud., 1819a, 102, 387 (in *Squalus galeus*; Arimini, May).—Ariola, 1899, 7 (includes *D. soccus* Mol.).—Ben., 1858a, 1861a, 170; 1870, 6, pl. 4, fig. 7; 1870, 7.—Braun, 1892a, 647, 679, 701, 702, 728, 734, 738, 761, 784, 786, 873; 1893b, 176.—Bremser, 1824, 133.—Carus, 1884, 129.—Cobbold, 1860a, 24; 1872b, 91; 1879b, 49, 299.—Crep., 1837, 310, 326.—Crety, 1892, 21–24, fig. 1; 1892c, 399; 1892, (92–97); 1893a, 380–382, 383.—Darr, 1902, 667.—Dies., 1850a, 357 (includes Rud., 1819a, 102, 387; Eisenhardt, 145; Bremser, 1824c, pl. 9, figs. 5–8; Kuhn, 1829, 463, pl. 11, figs. 4–5; Duj., 1845a, 471); 1858, 339 (in *Scyllium catulus*).—Duj., 1845a, 471.—Eisenhardt, —.—Jacoby, 1899c, 1900, 16–24, figs. 13–16.—Jegers., 1900b, 68–74, figs. 1–4 (copulatory organs).—Kowal., 1895g, 20 (60).—Kroyer, 1852–53a, 851 (in *Galeus vulgaris*).—Kuhn, 1829, 463.—Looss, 1894a, 128; 1899b, 570 (thinks that this form may belong to *Azygia*).—1902m, 829, 830 (type of *Ptychogonimus*).—Linst., 1903, 354.—Luehe, 1900, 490.—Mont., 1888a, 64, 72; 1890, 426; 1892, Oct. 7, 189; 1893, 6, 7, 33, 34, 35, 53, 71, 77, 78, 79, 82, 95, 102, 192, 193, pl. 1, fig. 2, pl. 7, figs. 105–109, pl. 8, figs. 115, 116, 133–135.—Odhn., 1906, 64 (includes *D. lymphaticum* Linst.).—Orley, 1885, 218.—Stoess., 1886, 23; 1890, 43; 1898, 38.—Villot, 1878, 2, 9, 11, 13 (in *Carcharias*; *Scyllium catulus*; *Galeus canis*).—Wagener, 1860, 167.—Wedl., 155, 383, pl. 2a, fig. 16.—Will.-Suhm, 1870, 5–7; 1871, 179–181, pl. 11, figs. 4–5.—Also reported for *Squalus mustelus*, *Mustelus vulgaris*.
- megastomum* Grobben, 1878a, 89 (in *Portunus depurator*).
- megastomum leporis* Kuhn, 1829c; 1830a; 1830b.—Stiles & Hass., 1905a, 941.
- megacotyle* Linst., 1903, 354, for megacotyle.
- megnini* Poir., 1885, 4, 5, 14–15, 22, 25, 31, 32, 33, 39, 41, 45, 49, 51, 54, 64, 65, 66, 70, 76, 88, 94, 109, 112, 116, 117, 118, 120, 129, 130, 133, 144, 150, pl. 23, fig. 8, pl. 29, fig. 2, pl. 31, figs. 5–7, pl. 34 (in a fish).—Braun, 1892a, 569, 597, 603, 608, 623, 624, 625, 631, 666, 671, 673, 674, 677, 690, 712, 717, 724, 731, 733.—Buttel-Reepen, 1900a, 590; 1902, 184, 192, 202.—Darr, 1902, 683, 687, 693.—Jackson, 1888, 644.—Lander, 1904a, 7.—Looss, 1894a, 145 (megninii).—Mont., 1893 (megninii), 23, 27, 29, 30, 32, 33, 34, 36, 37, 40, 47, 48, 64, 80, 81, 93, 94, 95, 104, 113, 119, 125, 126, 127, 134, 135 (megninii), 102, 106, 107; 1896, 154 (megninii).—Wolf, 1903, 619, 621.
- megninii* Mont., 1893, 102, for megnini.
- melis* (Gœze, 1782) Zed., 1800a, 164, 194–196.—Dies., 1850a, 382 (syn. of *D. trigonocephalum*).—Rud., 1809a, 415 (syn. of *D. trig.*).
- mentolatum* Mueh., 1898, 19, for mentulatum.
- mentulatum* Rud., 1819a, 103, 388–389, 681 (in *Coluber natrix*, *Lacerta agilis*, *L. maculata*; Berlin, Arimini, Apr. and July).—Braun, 1891, 99; 1892a, 766, 780, 784, 785; 1901b, 15.—Cobbold, 1860a, 19.—Dies., 1850a, 355 (includes *D. colubri natrix intestinalis* Rud., *D. colubri tessellati* Rud.; *D. lacertæ* Rud.); 1858e, 339 (in *Tropidonotus natrix*).—Duj., 1845a, 415, to (*Brachylaimus*).—Erc., 1881e, 73, 74, 75, 76, 77, 78, 79, 82, 89 (in *Tropidonotus natrix*); 1882a, 309, 310, 311, 312, 313, 314, 315, 318, 325.—Holstein-Beck.—Jackson, 1888, 650 (rep. system).—Kampmann, 1894b, 451, 454, 456, 457, 462, pl. 20, figs. 6–9.—Linst., 1879, 184.—Looss, 1899b (=Lepoderma).—Luehe, 1899,

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- 529 (of Erc., syn. of *D. nematoides*), 530; 1901, 487.—Mol., 1859, 831, 837–838 (in *Lacerta agilis*, Berlin; *Podarcis merremii*, Arimini; *P. muralis*, Padua; *Tropidonotus natrix*, Berlin; *T. tessellatus*).—Mont., 1893, 187.—Mueh., 1898, v. 1 (1), 10, 19 (mentolatum), 29, 92–93, fig. 13.—Par., 1894, 147, to (*Brachylaemus*) (in *Lacerta merremii*, Rimini).—Schauinsland, 1882, 496.—Sons., 1893, 186.—Stoss., 1889, 61; 1895, 217–218; 1898, 33–34; 1904, 2.—Volz, 1899, 235, 236, 238.—Wedl, 1855, 401–409, pl. 2 b, fig. 9.—Reported for *Lacerta muralis*, *L. viridis*, *L. vivipara*, *Rana temporaria*.
- mentulatum* Rud., of Erc., according to Luehe, 1899, 529, is *D. nematoides*.
- mergi* Rud., 1819a, 121 (in *Mergus albellus*; C. E. V.).—Dies., 1850a, 391 (renamed *D. baculus*).
- merlangi carbonarii* Dies., 1858e, 341, renamed *D. anonymum*, based on Bellingham 1844a, 428.
- merlangi vulgaris* Dies., 1858e, 341, renamed *D. anonymum*, based on Bellingham, 1844a, 428.
- merlangorum* Dies., 1855, 64 footnote 15, based on Bellingham, 1844a.
- meropis* Rud., 1819a, 120 (in *Merops apiaster*; C. E. V.).—Braun, 1901, 568; 1902b, 51, 52, 54 (includes Par., 1896, 5, as syn. of *Plagiorchis triangularis*).—Dies., 1850a, 351 (renamed *D. triangulare*).—Duj., 1845a, 444.—Looss, 1899b, 531, 532, 725.—Par., 1896, 5–7 to (*Brachylaemus*), fig. 2a.—Stiles, 1901, 172.—Stoss., 1892, 186.
- mesosternum* Linst., 1873, 101, see *mesostomum*.
- mesostomum* (Rud., 1803) Rud., 1809a, 387–388 (in *Turdus iliacus*); 1819a, 104.—Braun, 1901, 561, 566–567; 1902b, 116, 117, 126–129, fig. 76 (includes Dies., 1850a, 361; Stoss., 1890, 5; 1896, 128; 1892, 7; 1898, 33).—Cobbold, 1860a, 14.—Dies., 1850a, 361 (includes *D. turdi*) (in *Turdus iliacus*; Greifswald; *Pyrrhula vulgaris*, *Fringilla coccythraustes*, *C. chloris*).—Linst., 1873, 101 (*mesosternum*).—Mueh., 1898, 16.—Olfers, 1816, 44.—Stoss., 1890, 43; 1892, 149 (*D. loxue*, 1819); 1896, 128; 1898, 33.—Wolffhugel, 1900, 9, 45, 46.—Also reported for *Coccythraustes vulgaris*, *Columba livia*, *Merula vulgaris*.
- metucus* Braun, 1900f, 389 (in *Vespertilio lasiopterus*; *V. noctua*; Vien. Mus.); 1901b, 31.
- micracanthum* Stoss., 1889, 29, pl. 14, fig. 58 (in *Pagellus erythrinus*; Trieste); 1898, 48.—Barbagallo & Drago, 1903, 410, to (*Dicrocoelium*) (in *Pagellus erythrinus*; Catania).—Braun, 1892a, 583, 720.—Mont., 1893, 86, 95, 102.
- microcephalum* Baird, 1853a, 58, pl. 2, fig. 2 (in *Acanthias vulgaris*; Falmouth Harbor); 1853, 22; 1855, 73–74.—Ariola, 1899, 7 (syn. of *D. veliporum* Crep.).—Braun, 1893a, 873.—Cobbold, 1860a, 24; 1886, 52.—Dies., 1855, 64; 1858e, 335 (in *Acan. vulg.*).—Linst., 1903, 354 (syn. of *D. veliporum*).—Lopez, 1888a, 137.—Mont., 1888a (*microcephalum*); 1889, 132–134; 1889, 322 (= *D. veliporum* Crep.); 1893, 52.—Stoss., 1886, 52.
- microcephalum* Crep., 1837, 311; 1849, 64 (in *Corvus cornix*).
- microcoecum* Rud., 1819a, 101, 383–384 (in *Glarcola austriaca*; Arimini, April).—Braun, 1901, 561, 564, 567; 1902b, 41, 49, 62 to *Phaneropolus*, 63, 64 (thinks identical with *Phaneropolus sigmoides*, 155).—Cobbold, 1860a, 13.—Dies., 1850a, 351.—Duj., 1845a, 447.—Linst., 1887, 104.—Looss, 1902m, 823.—Stoss., 1892, 150.
- microcotyle* Dies., 1858e, 340 (*D. pleuronectis maximi* Bellingham, 1844a, 428) (in *Rhombus maximus*; Hibernia).—Cobbold, 1860a, 25.—Stoss., 1886, 52.
- micropharyngeum* Luehe, 1898g, 623–624, 625 (in flamingo; Berberei); 1899, 537.—Jägers., 1898, 16; 1900, 738.—Looss, 1899b, 619.—Odhn., 1900, 12, 13, 17.
- microphylla* Ben., 1870, 1871a, 70, pl. 4, fig. 2 (in *Osmerus eperlanus*; Belgium).—Braun, 1889a, 369.—Linst., 1887.—Stoss., 1886, 52.
- microporum* Mont., 1889, 322, pl. 33, fig. 1 (in *Plagyodus ferox*; Madeira); 1891, 520 (*Plag. ferox*).—Looss, 1899b (to *Hemiusurus*).
- microsoma* Rud., 1819a, 109, 401 (in *Perca marina*; Naples, June).—Carus, 1884, 125.—Cobbold, 1860a, 27.—Duj., 1845a, 456.—Dies., 1850a, 370 (*microsolum*).—Sons., 1890, 141 (in *Serranus scriba*).—Stoss., 1886, 52.
- microsolum* Dies., 1850a, 370 (for *microsoma* Rudolphi).
- microstomum* Rud., 1809a, 50, 388–389 (in *Pleuronectes solea*; Paris, May); 1819a, 104.—Cobbold, 1860a, 26.—Dies., 1850a, 362.—Duj., 1845a, 467.—Kroyer,

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- 1843-45a, 488 (in *Solea vulgaris*).—Mont., 1893, 193.—Olfers, 1816, 46.—Risso, 1826, 262.—Stoss., 1886, 53.—Wagener, 1860, 187.
- miescheri* Zachokke, 1890, 764, 765, 767, 781-784, pl. 11, fig. 2 (in *Trutta salar*) to (*Cladocellum*).—Braun, 1892a, 642, 699, 700, 721, 733, 735.—Jacoby, 1900, 11.—Looss, 1894a, 173, 175; 1899b, 627.—Mont., 1893, 95 (*miescheri*) 153.
- miescherii* Mont., 1893, 153, for *miescheri*.
- migrans* Duj., 1845a, 407-409 (in *Sorex araneus*; *S. leucodon*) (= *Brachylaima advena* renamed, hence type of *Brachylaima*).—Braun, 1892a, 772; 1893a, 831, 864; 1899g, 492; 1901c, 341, 342.—Cobbold, 1860a, 9; 1879b, 296.—Dies., 1850a, 389.—Erc., 1881c, 64; 1882a, 300.—Gamb., 1896a, 71.—Moul., 1856a, 167.—Stiles & Hass., 1898a, 83, 84 (syn. of *Brachylaima advena* Duj.).—Stoss., 1892, 19 (*migras*) (in *Crocidura aranea* at Rennes; *Sorex leucodon*).
- migras* Stoss., 1892, 19, misprint for *migrans*.
- miliaris* Brown, 1881a, 329, misprint for *militare*.
- militare* (Rud., 1803) Rud., 1809a, 421-422 (in *Scolopax arquata*); 1819a, 115, 418.—Bellingham, 1844a, 426.—Ben., 1858a, 1861a, 84-89, 90, 168, 180, 193, 195, 215, 218, 219, 222, pl. 9, figs. 1-11 (includes *Cerc. echinata*; *C. fallax*; *C. pacifica*).—Braun, 1892a, 585, 865.—Chatin, 1880a, 308 (seminal receptacle).—Cobbold, 1879b, 436 to (*Echinost.*).—Crep., 1837, 311, 312, 316, 317.—Dies., 1836, 240; 1850a, 384-385; 1858d, 261; 1858e, 347 (in *Numenius arquatus*).—Duj., 1845a, 429.—Erc., 1881e, 29, 31; 1882a, 265, 267.—Fil., 1854a, 18, 19, 21.—Gamb., 1896a, 72.—Hahn & Lefèvre, 1884a, 516.—Hemp- rich & Ehrenberg.,—Hoyle, 1890, 540.—Kowal., 1896d, 253 (3) (in *Limnocyrtus gallinula*; *Dublaya*) to (*Echinost.*).—Leuck., 1863a, 456.—Linst., 1873, 106 (larva=*Cerc. echinifera*) (in *Scolopax gallinula*).—Mégnin, 1884, 53.—Mont., 1888a, 24.—Moul., 1856a, 190.—Nord., 1832a, 69 (in *Numenius arcuatus*).—Olfers, 1816, 46.—Sieb., 1835, 57; 1854, 23.—Sons., 1897, 252.—Stoss., 1892, 163 (to *Echinost.*).—Ward, 1895, 341 (in *Canis familiaris*) (perhaps *D. echinatum*).—Also reported for *Ascolopax gallinago*, *A. gallinula*, *Paludina vivipara*.
- milvi* (Gmelin, 1790) Zed., 1803a, 209-210.—Dies., 1850a, 385 (syn. of *D. echinocephalum* Rud.).—Rud., 1809a, 429 (includes *D. falconis milvi* Rud.); 1819a, 115 (renamed *D. echinocephalum*).
- minima* Ben., 1870, 67 (in *Clupea sprattus*).—Mont., 1891, 498, 514 (minimum).
- minimum* Mont., 1891, 498, 514 (for *minima*).
- minutum* Cobbold, 1859d, 364, pl. 63, figs. 4-5 (in *Hæmatopus ostralegus*); 1860a, 14 (London); 1861, 118.—Braun, 1892a, 579; 1902b, 155.—Mont., 1893, 83.—Mueller, 1897, 18, pl. 3, fig. 1.—Nicoll, 1906, 514 (in *Hæm. ostr.*).—Stoss., 1892, 184.
- mistroides* (Mont., 1896 [144 (*D. constrictum* Leared, 1862 [nec Mehlis, 1842] renamed)] Braun, 1899b, 715.
- [*modestum* Sluiter, 1898, (a tunicate).]
- moleculum* Linst., 1880, 51-52 (in *Rallus pygmæus*); 1887, 104.—Braun, 1892a, 579, 586; 1902b, 157.—Stoss., 1892, 150.
- molini* Polonio, 1859, see Par., 1894, 148 (*molinii*) (in *Rana esculenta*; Padova).
- molinii* Par., 1894, 148 (for *D. molini*).
- molle* (Leidy, 1856), Stiles & Hass., 1894h, 162-163, fig. 2; 1895a, 737-741, pl. 3, figs. 1-3 to (*Polyorchis*); 1895b, 316; 1895c, 700-701; 1896d, 426.—Braun, 1902b, 23.—Mont., 1896, 165, 166 to (*Polyorchis*).
- mollissimum* Levin., 1881a, 59-61, pl. 2, fig. 4 (in *Cottus scorpius*; Egedesminde).—Braun, 1892a, 699, 711; 1893a, 911.—Johnstone, 1907, 185-186, fig. 16 (in *Belone vulgaris*; Foulney Island).—Odhn., 1905, 356, 357 (syn. of *Lecithaster gibbosus* (Rud.)), 359 (of Stoss., 1889; syn. of *Lecithaster confusus* Odhn.).—Stoss., 1886, 11 (in *Cott. scorp.*; Greenland); 1889, 23 (in *Alausa finta*; Trieste).—Also reported for *Alosa vulgaris*.
- monas* Rud., 1819a, 679 (in *Amphisbæna* sp.; Brazil).—Cobbold, 1860a, 19 (in *Siphonops annulatus*; Brazil).—Dies., 1850a, 350.—Duj., 1845a, 453 to (*Brachylaimus*).—Par., 1896, 12-13, fig. 5 to (*Brachylaimus*).—Stoss., 1889, 71.
- monorchis* Stoss., 1890, 40-41 (2-3), pl. 15, fig. 62 (in *Cantharus orbicularis*; Trieste).—Braun, 1892a, 579, 581, 698, 720, 721, 728, 729; 1895b, 129.—Jacoby, 1900,

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- 23.—Looss, 1894a, 178, 218; 1899b, 599.—Mont., 1893, 82, 86, 87, 95, 149, 151 to [(Monorchis)].—Stiles & Hass., 1898a, 91, 98 (type of Monorchis).
- monticellii* Lint., 1898c, 518–520, pl. 44, figs. 2–8 (in *Remora remora*; Woods Holl, Mass., July, Aug.); 1901, 415, 418, 449, 451, 473, 482 (in *Rem. rem.*; *Paralichthys dentatus*, *Pomatomus saltatrix*); 1905, 327, 328, 334, 354, 360, 363, 364, 371, 373, 374, 376, 381, 386, 388, 393, 396, 399, 405, 411, 413, figs. 154, 155, 158 (in *Bairdiella chrysura*, *Centropristes striatus*, *Coryphæna equisetis*, *C. hippurus*, *Cynoscion nebulosus*, *Lagodon rhomboides*, *Leiostomus xanthurus*, *Menidia menidia*, *Menticirrhus americanus*, *Micropogon undulatus*, *Paralichthys albiguttus*, *P. dentatus*, *Pomatomus saltatrix*, *Prionotus tribulus*, *Rachycentron canadus*, *Scomberomorus regalis*, *Seriola lalandi*, *Synodus foetens*, *Trachinotus carolinus*).—Johnston, 1901, 337.—Looss, 1899b (to *Hemiurus*).
- mormyri* Stoss., 1885, 160, pl. 6, fig. 26 (in *Pagellus mormyrus*; Trieste, Feb.); 1886, 26; 1890, 41; 1898, 36.—Barbagallo & Drago, 1903, 410 to (*Brachylaimus*) (in *Pagellus mormyrus*).—Braun, 1892a, 721, 736, 737.—Lint., 1900, 290.—Looss, 1899b, 571 (judging from Stoss.'s description, this form belongs to the *Creadiinae*, perhaps to *Creadium*).—Mont., 1893, 94.
- mormyris* Hausmann, 1897b, 28 (for *mormyri*).
- motellæ* Ben., 1870, 63 (in *Motella mustela*).
- [*mucosum* v. Dr. (a tunicate).]
- mühlingi* Jägers., 1899a, 7 (in *Larus ridibundus*) (lingua of Mueh. renamed as n. sp.; apparently Koenigsberg).—Looss, 1899b, 586 (*muehlingi*) (pro tem. to *Tocotrema*).
- mülleri* Levin., 1881a, 56–58, pl. 2, fig. 3 (in *Cottus scorpius*, *Gadus ovak*; Egedesminde) [spelled also *müllerii*, *muellerii*].—Braun, 1892a, 643 (*muelleri*), 673, 720, 721, 735.—Looss, 1896b, 136; 1899b, 643 (type of *Progonus*).—Mont., 1888a, 34, 37 (*mullerii*); 1893, 43, 61 (*mülleri*), 82 (*muelleri*), 85, 86, 95, 182, 183.—Odh., 1905, 365, 366 (*mülleri* to *Genarches*).—Stoss., 1886, 21, 58, to (*Brachylaimus*).
- mülleri* see *mülleri*.
- mulli* Stoss., 1883, 114–115 (in *mullini*; Trieste, January); 1886, 39 (in *Mullus barbatus*; Trieste); 1898, 48.—Carus, 1884, 127.
- muris* Erc., 1882c, 103 [pl. 3, figs. 16–21].—Hoyle, 1890, 538 (refers to Erc.'s experiments with *Cerc. armata*).
- musculi* Rud., 1819a, 119 (in *Mus musculus*; Cat. Vien.).—Braun, 1901e, 340 (of Dies., 1850a, Duj., 1845a) (syn. of *D. recurvum* Duj., 1845).—Dies., 1850a, 395.—Duj., 1845a, 441.—Stoss., 1892, 35 (in *Mus musculus*; Vienna).
- musculorum* Braun, 1893a, 871 [*D. musculorum* *perce* Waldenburg, renamed].
- musculorum perce* Waldenburg, 1860, 16 (in *Perca fluviatilis*).
- musculorum suis* Duncker, 1896a, 279–282, 8 figs.; 1897a, 197–198; (1881a, 23–25, figs. 1–6, 55, 159–160, 1 fig.; 1881d, 141; 1884a, 39–40, figs. 1–6).—Stiles, 1898a, 28. See *Agamodist. suis*.
- musculum* Brett, 1880a, 453; 1881a, 139–142 (in *Ovis aries*).—[=*Sarcosporidia*?]
- mutabile* Mol., 1859, 833–834 (in *Podarcis muralis*; Padua).—Braun, 1893a, 875; 1901, 563.—Hollack, 1902a, 869.—Klein, 1905, 20; 1905, 78.—Looss, 1902m, 818, 819, 823, 839.—Luehe, 1900, 563–566; 1901, 172, 173; 1901, 487.—Odh., 1902, 41, 42.—Rizzo, 1902, 27 (to *Anchitrema*).—Sons., 1893, 185, in *Podarcis muralis* Wagl.—Stoss., 1895, 224.
- mystacidis* Linst., 1896i, 379, larva (in *Mystacides nigra*).
- naia* Duj., 1845a, 387, for *naja*.
- naja* Rud., 1819a, 99, 377–378, 589 (in *Coluber natrix*; Berlin) (includes *Fasc. longicollis* Abildg., 1788, 34, pl. 151, figs. A 1–2, from *Coluber natrix* renamed and *D. colubri natrixis pulmonale*).—Braun, 1891, 99; 1892a, 766, 780, 784, 785; 1893a, 876.—Cobbold, 1860a, 18 (*D. longicollis*).—Crep., 1837, 326.—Dies., 1850a, 348.—Duj., 1845a, 395 to (*Dicrocoelium*).—Erc., 1881e, 79, 80, 81, 82; 1882a, 315, 316, 317, 318.—Giebel, 1857, 266.—Kampmann, 1894b, 454, 457.—Lamouroux, 1824a, 562.—Looss, 1899b, 603–604 (type of *Macrodiera*); 1902, 732 (type of *Saphedera*).—Luehe, 1899, 533.—Mont., 1893, 187.—Mueh., 1898, 29.—Par., 1894, 147 (in *Natrix torquata*; Padova).—Rizzo, 1902, 28.—Schauinsland, 1882, 496.—Sons., 1893, 185 (*naia*, in *Tropidonotus natrix*).—Stoss., 1895, 221–222.—Volz, 1899, 234, 237.—Also reported for *Zamenis viridiflavus*.

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- nanum* (Rud., 1802) Rud., 1809a, 376–377; 1819a, 101.—Braun, 1893a, 874; 1901, 561, 567; 1902b, 47, 48, 49 (to *Plagiorchis*). 155.—Cobbold, 1860a, 12.—Dies., 1850a, 350.—Duj., 1845a, 446.—Linst., 1887, 104.—Olfers, 1816, 44.—Stoss., 1892, 184; 1892, 41; 1904, 2.
- nardoi* Polonio, 1859, see Par., 1894, 627 (in *Lacerta muralis*; Padova).
- nassæ mutabilis* Fil., 1855b, 22.
- negacotyle* Dies., 1850a, 379, for megacotyle.
- neglectum* Linst., 1887d, 101–102, pl. 2, fig. 3 (in *Rana temporaria*).—Braun, 1892a, 699, 721, 736, 737; 1893a, 881.—Kowal., 1894, 3; 1902d (9), 27 (syn. of *Pleurogenes claviger* Rud.).—Looss, 1894a, 82, 83, 84, 91, 92 (syn. of *D. clavigerum*); 1896b, 94, 95; 1899b, 617 (= *clavigerum* = type of *Pleurogenes*).—Mont., 1893, 83, 86.—Stoss., 1889, 65.
- nematoides* Mueh., 1898, 18 (in *Tropidonotus natrix*; East Prussia); 1898, 11, 29, 93–94, fig. 22.—Braun, 1899, 631; 1901b, 13, 15, 16.—Looss, 1899b, 567–568 (identical with *D. ercolanii*).—Luehe, 1899, 528, 529, 530.—Stoss., 1904, 5.—Volz, 1899, 236, 238.—Also reported for *Lacerta agilis*.
- nephrocephalum* Dies., 1850a, 391 (in *Turdus saxatilis*; M. C. V., spring and summer) (*D. turdi* renamed).—Stoss., 1892, 174, to *Echinost*.
- neuronaia monroi* Maddox, 1867, 97, 98, pl. 8.—Cobbold, 1872b, 92 (*neuronaia monroii*); 1879b, 52.
- neuronaia monroii* Cobbold, 1872b, 92 (for *neuronaia monroi*).
- nigrescens* Olss., 1876, 19–20, pl. 3, fig. 41 (in *Lophius piscatorius*).—Braun, 1892a, 587; 1893a, 872, 873.—Stoss., 1886, 53 (in *Loph. pisc.*, *Molva vulgaris*).—Also reported for *Hippoglossus maximus*, *Lota molva*.
- nigroflavum* Rud., 1819a, 118–119, 425–427 (in *Orthogoriscus mola*; Naples, July) to (*Echinost*).—Bellingham, 1844a, 427.—Ben., 1855c, 2, 520; 1856, 84; 1858a, 1861a, 111.—Bettend., 1897a, 17; 1897, 321.—Brand., 1898a, 209 (17).—Braun, 1892a, 578, 684, 687; 1893a, 878.—Carus, 1884, 126.—Cobbold, 1860a, 29.—Crep., 1837, 310, 311.—Deslongchamps, 1829, 238 (*nigrostavum*).—Dies., 1850a, 394 (includes *Schisturus paradoxus*); 1858c, 353 (in *Orthag. mola*).—Drummond, —, 240.—Duj., 1845a, 469.—Kerbert, 1881a, 547.—Knoch, 1894a, 11, 12.—Kroyer, 1852–53a, 745 (in *Orthag. mola*).—Linst., 1898, 530–531, pl. 48, figs. 8–11, pl. 49, figs. 1–2; 1900, 282; 1901, 415, 422, 466 (in *Mola mola*); 1905, 328, 334, 374 (in *Coryphæna equisetis*).—Looss, 1894a, 145, 165; 1899b, 528, 631; 1902m, 721, 764, 765, 778.—Luehe, 1900, 487.—Mont., 1888a, 47; 1893, 13, 22, 23, 29, 30, 32, 40, 46, 47, 64, 65, 66, 67, 68, 80, 81, 83, 84, 93, 94, 95, 96, 102, 108, 113, 115, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 169, pl. 1, fig. 11, pl. 3, fig. 23, pl. 4, 38–42; 1891, 110; 1899, 103.—Olss., 1868, 25.—Par., 1887, 333–334.—Risso, 1826, 262.—Sons., 1890, 140–141 (in *Orthag. mola*); 1891, 265.—Stiles, 1901, 195, 196.—Stiles & Hass., 1898a, 92, 93 (? includes *Schisturus paradoxus*).—Stoss., 1886, 40.—Wagener, 1860, 174.—Ziegler, 1883, 552.
- nigrostavum* Deslongchamps, 1829, 238; misprint for *nigroflavum*.
- nigrovenosum* Bellingham, 1844a, 429.—Braun, 1893a, 873; 1900, 233; 1901b, 37.—Dies., 1858c, 343 (in *Tropidonotus natrix*; England).—Looss, 1894a, 219; 1902m, 504, 820, 821, 822, 831.—Luehe, 1899, 533, 534, 535 (thinks this is a *Lecithodendrium*); 1900, 561–562.—Mont., 1893, 24, 32, 33, 34, 40, 41, 42, 43, 82, 83, 84, 85, 88, 89, 91, 95, 98, 102, 105, 106, 107, 113, 116, 117, 185–189, pl. 6, figs. 88–90, pl. 8, figs. 117–120, 132; 1896, 151, 152, 154.—Much., 1898, 29.—Odhn., 1902, 42.—Rizzo, 1902, 28 (to *Lecithodendrium*).—Stoss., 1895, 222–223.—Volz, 1899, 235, 236, 237.—West, 1896, 323.
- nigrovenosum natrix torquæ* Dies., 1855, 64, based on Bellingham, 1844.
- nigrum* Linst., 1883, 307 (in *Corvus cornix*); 1886, 31.—Stoss., 1892, 185.
- nitens* Lint., 1898c, 534–535, pl. 51, figs. 5–6, pl. 52, fig. 1 (in *Tylosurus caribbaeus*; Woods Holl, July); 1901, 415, 422 (in *Tyl. acus*).—Looss, 1899b, 710.
- [*nitidum* Sluiter, 1898, 17 (a tunicate).]
- noctula* Rud., 1819a, 119 (in *Vespertilio noctula*; C. E. V.).—Dies., 1850a, 349 (syn. of *D. chilostomum* Mehlis).—Kolenati, 1857, 11.
- nodulosum* (Frelich, 1791) Zed., 1800a, 164, 190–192; 1803a, 219.—Baird, 1853a, 56–57.—Ben., 1858a, 1861a, 100, 171, 177, 181, 191, 203.—Braun, 1892a, 575, 584, 587, 642, 654, 699, 747, 768, 772, 780, 784, 785, 786; 1893a, 865, 879, 911; 1900, 231, 232.—Bremser, 1824, 134; 1824, pl. 10, figs. 1–3.—Crep., 1829,



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- 67–69; 1837, 323, 324, 326, 327, 328, 329; 1839, 289.—Dies., 1836, 248; 1850a, 380–381 (syns. *Fasc. luciopercae*, *F. percae cernuae* Mueller, *F. percina* Schrank, *F. nodulosa* Frölich, *D. campanula* Duj., *D. luciopercae* Zed., *Planaria lagena* Braun); (includes *Crep.*, 1829a, 289; Mueller, 1836, 233, 238; Sieb., 1836, 217); 1858d, 282; 1858e, 343.—Duj., 1845a, 434–435 to (*Crossodera*).—Erc., 1881e, 56; 1882a, 292.—Fil., 1854a, 21; 1857c, 14 to (*Crossodera*).—Fraip., 1880c, 416.—Gamb., 1896a, 72.—Harz, 1881c, 5.—Hausmann, 1897b, 4, 6, 8, 14, 18, 20, 22, 27, 35 (in *Perca fluviatilis*).—Jackson, 1888, 652 (in *Acerina cernua*).—Kowal., 1894, 2; 1894, 222.—Kroyer, 1838–40a, 20, 41, 54; 1846–53a, 333; 1852–53a, 1221 (in *Acerina vulgaris*, *Barbus fluviatilis*, *Esox lucius*, *Lucioperca sandra*, *Perca fluviatilis*).—Lint., 1892c, 69, 70.—Linst., 1873a, 1–7, pl. 1, figs. 1–11 (development); 1873b, 328–331; 1873c, 230–231; 1873d, 345–347; 1873e, 101.—Looss, 1894a, 2, 33–41, 47, 49, 50, 123, 124, 133, 136, 150, 161, 164, 181, 191, 192, 197, 199, 208, 215, 216, 264, 268, pl. 1, figs. 8–10, pl. 5, figs. 92–94 (syns. *Fasc. luciopercae*, *F. percae cernuae*, *F. percina*, *Plan. lagena*) (in *Acerina cernua*, *Aspro vulgaris*, *A. zingel*, *Esox lucius*, *Lucioperca sandra*, *Perca fluviatilis*); 1902m, 452.—Mehlis, 1831, 184–185.—Mueh., 1898, 22.—Moul., 1856a, 19, 24, 46, 47, 99.—Nord., 1832a, 88; 1840, 617, 621 (to *Fasc.*).—Olfers, 1816, 46.—Ols., 1876, 23.—Rud., 1809a, 366, 410–413; 1819a, 113.—Schauinsland, 1882, 496, 497.—Sieb., 1835, 66, 69, 70, 73, 82; 1836, 217, 233, 235, 236, 237, 238, pl. 10, fig. 1; 1850, 645.—Sramek, 1901, 95, 106, 107, fig. 60 (syns. *Fasc. luciopercae* Muell., *F. percae cernuae* Muell., *D. luciopercae* Zed.) (in *Acerina cernua*, *Perca fluviatilis*).—Staff., 1902, 481 (to *Bunodera*) (in *Salvelinus fontinalis*).—Stiles & Hass., 1898a, 84, 85, 96 (type of *Bunodera*) (includes *Fasciola luciopercae* Mueller).—Wagener, 1857, 26, 27, pl. 21, figs. 3–7; 1860, 165.—Wright, 1884, 429, 430.—Reported also for *Abramnis vimba*, *Acipenser rubicundus*, *Barbus communis*, *Bithynia tentaculata*; *Cyprinus*).
- nodulosum* partim Dies., 1850a, 380; 1858e, 354 (in *Esox lucius*) (syn. of *D. (Crossodera) campanula* Duj.).
- [*non coronata* *Crep.*, 1837a, 326, as name of a group of distomes.]
- notidobia* Linst., 1896i, 379, a larva in *Notidobia ciliaris* and *Sialis lutaria* “aus der Gärte.”
- obesa* Ben., 1870, 33 (*Cottus scorpius*).
- obesum* Dies., 1850a, 361–362 (in *Leporinus friderici*, *Salminus brevidens*, *Xiphostoma cuvieri*; Brazil); 1855, 67, pl. 3, figs. 11–13; 1858e, 341.—Braun, 1892a, 579; 1893a, 872, 875.—Cobbold, 1860a, 24; 1879b, 458.—Odhn., 1902, 152.—Stoss., 1886, 53.
- oblongum* (Cobbold, 1858) Braun, 1891, 99; 1892a, 579, 583, 635, 636, 674, 692; 1893a, 875, 894, 910; 1893, 354; 1900g, 250, to *Campula*.—Mont., 1893, 44.—Stiles, 1895f, 219–220, pl. 7, figs. 2, 3; 1895m.—Stoss., 1892, 16–17 (includes *Campula oblonga*, *D. campula*, *D. campanula*) (in *Phocæna communis*, *Platanista gangeticum*).
- obovatum* Mol., 1858, 288–289 (in *Chrysophris aurata*; Patavii); 1861, 201–202.—Braun, 1892a, 736, 737.—Carus, 1884, 130.—Dies., 1859c, 428.—Lint., 1900, 290.—Looss, 1899b, 571 (thinks this form, judging from the description given by Stoss., 1890, belongs to *Creadiinae* possibly to *Creadium*).—Mont., 1893, 94.—Stoss., 1885, 159; 1886, 27; 1889, 26; 1898, 35–36; 1901, (7) 95 (to *Allocreadium*).
- obtusum* Looss, 1896b, 78–81, 83, 85, 87, 88, 89, pl. 6, figs. 53–56 (in *cameleon*, Alexandria, Egypt); 1899b, 547 to *Lecithodendrium*.—Luehe, 1899, 534; 1900, 562.—Stiles, 1901, 200.
- “*ocreatum* Zed.” i. e. (Gæze, 1782) Luehe, 1899k, 538 (= *Dist. lorum* Duj.) type of *Ityogonimus*.—Looss, 1900, 607.
- ocreatum* (Rud., 1802) Rud., 1809a, 387, 397–398 (*Clupea harengus*; Griefswald) (includes *Leuwenhoek*, *Epist.* 97, 47; *Fasc. halecis* Gmelin, 1790a; *Fasc. ocreata* Rud., 1802; *Dist. halecis* Zed., 1803a, 222); 1819a, 107.—Braun, 1892a, 711; 1893a, 853.—Dies., 1850a, 298, 372.—Duj., 1845a, 422–423 to (*Apoblema*).—Kroyer, 1846–53a, 174 (in *Cl. har.*).—Looss, 1899b, 641 (= *D. carolinæ* Stoss.) type of *Pronopyge*.—Mont., 1891, 496, 497, 499, 500, 501, 502, 506, 512; 1891, 16 (to *Apoblema*).—Reported also for *Clupea alosa*, *C. pilchardus*.
- ocreatum* Rud. of Mol., 1858, 289 (in *Clupea alosa*; Padua), 290; 1861, 209–210, pl. 3, fig. 7 (in —).—Dies., 1859c, 432 (of Mol., p. 289, in *Alosa vulg.*;

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- Padua).—Johnstone, 1907, 177–180, fig. 13 (in *Conger vulgaris*; England).—Linst., 1878a, 269 (syn. of *D. ventricosum* Rud., in *Aloea vulg.*).—Mont., 1891, 497, 498, 499, 500, 501, 520.—Sons., 1891, 259 (syn. of *Dist. ventricosum* Rud.).—Stoss., 1886, 12 (in *Ammodytes lancea*, *A. tobianus* [see next entry sub Odhner]; *Clupea harengus*, *Trutta salar*).—Also reported for *Aloea finta*, ? *A. sardina*.
- ocreatum* Moll., of Olss., 1868, 48, pl. 5, figs. 96–98 (in *Ammodytes lancea*, *A. tobianus*; —).—Braun, 1891d, 423.—Lander, 1904a, 1, syn. of *Hemiurus crenatus* (Rud.).—Looss, 1896b, 125; 1899b, 640, 641 (to *Hemiurus*).—Luehe, 1901n, 399, 400 (syn. of *Hemiurus crenatus* Rud.).—Mont., 1891, 501, 505.—Odhner, 1905, 352 (syn. of *Brachyphallus crenatus*) (fig. 98 from *Ammodytes lancea*, *A. tobianus*, syn. of *Hem. communis*).—Stoss., 1886, 12.
- ocreatum* Moll., of Lint., 1898c, 514–515, pl. 42, fig. 13 (in *Pomatomus saltatrix*; Woods Hole); 1900a, 269, 282 to (Apoblema), 288 (in *Merluccius bilinearis*, *Pollachius*; Woods Hole); 290, pl. 35, figs. 16–24; 1901b, 415, 418, 472, 474, 475, 478 (in *Lopholatilus chamaeleonticeps*, *Merluccius bilinearis*, *Pollachius virens*, *Urophycis chuss*; Woods Hole).—See *Hemiurus lintoni*, Pratt.
- ocreatum* of Stoss., 1888.—Stoss., 1898, 30 (syn. of *Apoblema stossichii* Mont.) (in *Aloea sardina*; Trieste).—Luehe, 1901n, 398 (of Mont., 1887; Stoss., 1888, 1898) in stomach of *Clupea pilchardus* at Trieste, syn. of *Hemiurus stossichii* Mont., 1891).—Mont., 1887, 86; 1891, 16, 21; 1891, 514 (syn. of *Apoblema stossichii*).
- ocreatum* (miscellaneous).—Ben., 1870, 64.—Dies., 1855a, 399.—Hausmann, 1897b, 4, 6, 20, 22 (in *Trutta salar*; near Basel).—Linst., 1873, 99.—Mont., 1888a, 8, 56.—Jackson, 1888, 648.—Johnstone, 1901, 337.—Juel, 1889, 7.—Olfers, 1816, 46.—Pag., 1857, 4.—Pratt, 1898, 6 (in *Pseudocalanus elongatus* at Kiel) det. by Möbius as *ocreatum*, by Mont., 1891, 13 as *Apoblema* append. Rud.; 1898, 354.—Wagener, 1860, 166, 183.—Will.-Suhm., —, 142–143; 1871, 382–383.
- octopodis delle Chiaje*, 1841, 139.—Carus, 1884, 133.
- ocular* de Bonis, 1882, 180.—Stiles, 1902a, 29 (see *Agamodist. ophthalmobium*).
- oculare* Moquin-Tandon, 1860, 347.—Stiles, 1902a, 29.
- oculatum* Levin., 1881a, 64, 67, pl. 2, figs. 7–8 (in *Cottus scorpius*; Egedesminde).—Braun, 1892a, 579, 693, 728, 729.—Johnstone, 1907, 188.—Looss, 1894a, 204, 218.—Mont., 1888a, 10, 38, 49, 78; 1891, 121; 1893, 41, 70, 82, 88, 95, 96, 105, 107, 108, 109, 160.—Odhner, 1905, 328, 331 (type of *Acanthopsolus*).—Stoss., 1886, 38 (in *Cottus scorpius*; Greenland).—Also reported for *Clupea harengus*.
- oculi humani* Geschmidt, 1833, 434–435 (in *Homo*).—Ammon, 1833.—Assenova, 1899, 29.—R. Bl., 1888a, 542, 630–631; 1891, 610.—de Bonis, 1882, 180.—Braun, 1895b, 145; 1903, 3. ed., 151 (perhaps *F. hepatica*); 1906, 156.—Cobbold, 1866, 7.—Dies., 1850a, 334 (syn. of *D. ophthalmobium*).—Dunclison, 1893, 338, 820.—Eise, 1838, 22–23.—Gamb., 1896a, 63.—Hackley, 1886, 519.—Ijima, 1889b, 123.—Kuech. & Zuern, 1881, 328–329, pl. 8, fig. 12.—Moniez, 1896, 86, 152–153.—Mont., 1892, 713.—Schneidemuell, 1896, 302.—Sieb., 1839, 164.—Stiles, 1898a, 48; 1902a, 27, 29, 32, 33.—Fischer von Waldheim, 1840a, 149.—Wallenstedt, 1847, 7.—Ward, 1895, 328 (in *Homo*) (see *D. ophthalmobium*); 1903, 866 (syn. of *Agamodist. ophthalmobium* Dies.).—Weinland, 1859, 281 to *Dicrocoelium*.
- oesophagi ardez nigrae* Viborg, 1795, 242.—Baird, 1853a, 51.—Dies., 1850a, 337 (syn. of *D. hians*).—Rud., 1809a, 359.
- okeni* Ariola, 1906, 185, for *okenii* (Dist.).
- okenii* Kolliker, 1849c, 55–58, pl. 1, fig. 7 (in *Brama raji*).—Ariola, 1906, 185 (okeni) (to Kollikeria).—Ben., 1858a, 1861a, 105 (syn. of *D. filicollae*); 1870c, 137.—Braun, 1892a, 572, 573, 574, 647, 672, 698; 1893a, 878, 894, 912; 1906, 184 (okeni).—Dies., 1850a, 359, includes *Monoet. filicollae*; *M. ? mola*; 1859c, 423, 429–430.—Gamb., 1896a, 70, fig. 35.—Goldb., 1855, 16.—Kroyer, 1838–40a, 594; 1852–53a, 745 (in *Brama rayi* Bl.; *Orthogoriscus mola*).—Looss, 1892, 81.—Mont., 1893, 137, 150.—Moul., 1856a, 25 (trouvé par Kolliker, dans l'intestin d'un cyprin).—Sons., 1890, 143.—Tasch., 1879, 608, 613.—Wagener, 1852, 566.
- okuli humani* of Schneidemuell, 1896, 302 for *oculi humani*.
- oligoon* Linst., 1887d, 103 (in *Gallinula chloropus*).—Braun, 1892a, 167; 1902b, 16, fig. 11 (includes *D. spiculigerum* Mueh.).—Mueh., 1898, 97.—Stoss., 1892, 149.

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- oloris* Dies., 1855, 64, based on Bellingham, 1844a, 427.
- onycephalum* Galli-Valerio, 1898m, 923 (for *oxycephalum*).
- opacum* Ward, 1894, v. 15, 173–182, 1 pl. (in *Amia calva*, *Ictalurus punctatus*, *Perca flavescens*, *Cambarus propinquus*; New Baltimore; Lake St. Clair; August); 1895, 15 Feb., 218–219; (1895), 633–634; 1901, 176–184.—Braun, 1900, 234.—Jägers., 1900, 736, 738, 740.—Looss, 1899b, 621.—Odhn., 1905, 317.—Stiles & Hass., 1902d, 20 (type of *Microphallus*).
- ophthalmobium* Dies., 1850a, 334 (in *Homo*; Dresden) [D. oculi humani Gescheidt renamed]; 1858e, 333.—Aitken, 1866, 804, 839; 1872, 146, 205; 1874, 58.—R. Bl., 1888a, 630.—de Bonis, 1876, 164; 1882, 180.—Braun, 1883a, 64–65; 1893a, 870; 1903, 3, ed., 151 (perhaps *F. hepatica*); 1906, 156.—Cobbold, 1860a, 6; 1864a, 191–192, fig. 41; 1866, 7; 1876, 211. “D. ophthalmobium or *Monost. lentis*,” 1879b, 36, fig. 5.—Dav., 1877a, lxxix, 820, 822.—Dunglison, 1893, 338, 820, 1174.—Gamb., 1896a, 63.—Goubert, 1878, 130.—Gunther, 1858, 209.—Harley, 1864a, 62.—Herk, 1859, 42.—Hoyle, 1890, 538.—Ijima, 1889b, 123.—Jamieson, 1897a, 74.—Kholodk., 1898, 26, 32, 34, pl. 11, fig. 28; 1899a, 152.—Kuech., 1855, 181, 222–223, pl. 4, figs. 13–15.—Leuck., 1863a, 526, 610–613, 633, fig. 205; 1889, 440, fig. 191.—Linst., 1878, 3.—Moniez, 1896, 152–153.—Moquin-Tandon, 1861, 373.—Mosler & Peiper, 1894, 177.—Schneidemuehl, 1896, 302.—Stiles, 1898a, 48; 1902s, 25, 29, 34.—Verrill, 1870, 171.—Vogt, 1878, 10, 13.—Wagner, 1883, 121.—Ward, 1895, 328 (perhaps young *D. lanceolatum*); 1903, 866 to *Agamodist*.—Wood & Fitz, 1897, 335.
- opisthotrias* Luetz, 1895a, 181–188, pl. 2, figs. 1–4 (in *Didelphys aurita*); 1895b, 189–193; 1896a, 623.—Braun, 1899g, 492 (to *Harmost.*); 1900h, 12; 1901e, 338–339 (to *Harmost.*).—Looss, 1899b, 748 (to *Heterlope*).—Luehe, 1899, 532.—Par., 1896, 3, 5.
- orbiculare* Dies., 1850a, 349 (in *Cebus trivirgatus*; Brazil); 1855, 64, pl. 2, figs. 20–22; 1858e, 335–336.—Braun, 1901e, 311, 312, 313, fig. 14.—Cobbold, 1860a, 7; 1879b, 289.—Stoss., 1892, 36 (in *Nyctipithecus trivirgatus*; Brazil).
- oricola* Leidy, 1884a, 47 (in *Alligator mississippiensis*; Florida); 1891a, 414 (syn. of *D. incommodum*); 1904a, 180.—Braun, 1893a, 872.—Mont., 1892, 715 (oracula).—Stoss., 1895, 219 oricula (syn. of *D. pseudostomum*).
- oricula* Mont., 1892, 715, for oricola.—Stoss., 1895, 219.
- ornithorhynchi* Johnson, 1901a, Nov. 7, 334–338, pl. 22, figs. 1–4 (in *Ornithorhynchus anatinus* Shaw).
- orthagorisci mola* Dies., 1855, 64; 1858e, 342 (in *Orthagoriscus mola*; Ireland) (renamed *D. macrocotyle*).
- osculatum* Looss, 1901e, 654–656, fig. 11 (in *Motella vulgaris*).
- ovatum* (Rud., 1803) Rud., 1809a, 50, 357–358, 420, 432; 1819a, 93, 121, 674.—Anacker, 1887c, 513.—Baillet, 1866b, 105.—Baird, 1853a, 51 (includes *Hirudo fasciolaris* Mueller, *Fasc. ovata* Rud.).—R. Bl., 1888a, 643.—Braun, 1892a, 714, 734, 736, 765; 1893a, 876, 877, 893; 1893d, 467, 468; 1901, 12, 13, 14, 15, 16; 1901, 258–259; 1901, 561; 1902b, 68 (to *Cephalogonimus* by Sons., 1890; type of *Prosthogonimus* Luehe, 1899, 539; and of *Prymnopriion* Looss, 1899b, 628), 69, 72 (in *Corvus corone*) 73, 74, 75, 76, 77, 78, 79, 80, 82, 83, 85.—Caruccio, 1886, 293.—Cobbold, 1860a, 9; 1879b, 440.—Crep., 1837a, 317, 318, 322, 326, 329; 1846, 130, 131, 134–137, 139, 141–143, 146; 1851, 284.—Dav., 1877a, lxxix.—Dies., 1850a, 335–336 (includes: *Igel* in *Hühneriern* Hanow; *Hirudo fasciolaris* Mueller, *Fasc. ov.* Rud., *D. anatis domesticæ* Rud.); 1858e, 333 (in *Fringilla montana*, *Scolopax gallinago*, *Ardea grus*, *Fulica atra*).—Duj., 1845a, 394–395.—Giebel, 1857, 265.—Hahn & Lefevre, 1884a, 516.—Hass., 1896a, 2 (to *Cephalogonimus*).—Hugi., 1827, 48.—Juel, 1889, 36.—Kowal., 1894, 2; 1894, 221; 1895, 350; 1895, 372–390, pl. 8, fig. 7; 1896d, (7), 257, to (*Cephalogonimus*) (in *Corvus cornix*, *Gallinago scolopacina*; *Dublany*).—Landois, 1882a, 13; 1882, 23 (in hen's egg).—Linst., 1873, 95, 96, 97, 98, 100, 101, 103.—Lint., 1887, 367–369 (in hen's egg; U. S. A.).—Looss, 1894a, 264; 1899b, 628–629 (type of *Prymnopriion*), 720, 721; 1900, 608.—Luehe, 1899, 539 (type of *Prosthogonimus*).—Mehlis, 1831, 178.—Mont., 1893, 157, 190.—Mueh., 1898, 29–30, 100.—Nord., 1840, 616.—Olfers, 1816, 44.—Sambon, 1900, 219.—Schneidemuehl, 1896, 303.—Sieb., 1835, 64, 65; 1836, 233.—Sons., 1890, 134.—Spencer, 1889, 109 (in hen's egg).—Staff., 1902, 719.—Stoss., 1892, 144 (to *Cephalogonimus*); 1898, 23.—Tschudi, —, 75.—Verrill, 1870, 179.—Wedl, 1857, 241–242, pl. 1, fig. 1.—Wolffhüegel, 1900, 9, 24, 26, 32.—Also reported for *Anas boschas dom.*, *A. clangula*, *A. clypeata*, *A.*

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- ferina, *A. glacialis*, *A. marila*, *Anser cinereus* dom., *Ascolopax gallinago*, *Astur nisus*, *Aegolius brachyotus*, *Buteo lineatus*, *Ceryle rudis*, *Chelidon rustica*, *Colymbus subcristatus*, *Corvus americanus*, *C. corax*, *C. cornix*, *C. corone*, *C. frugilegus*, *C. glandarius*, *C. monedula*, *C. pica*, *Crax pratensis*, *Cygnus musicus*, *Falco buteo*, *F. nisus*, *F. subbuteo*, *Fringilla coelebs*, *Fulica atra*, *Fuligula ferina*, *F. marila*, *Gallinula chloropus*, *Grus cinerea*, *Hirundo urbica*, *Lanius minor*, *Larus canus*, *Numenius arcuatus*, *N. arquata*, *Otis tarda*, *Parus major*, *Phasianus gallus*, *Rallus porzana*, *Scolopax gallinago*, *S. rusticola*, *Strix brachyotus*, *Turdus viscivorus*, *Uria grylle*, *Vanellus cristatus*.
- ovatum* of Matsubara (in chickens; Yedo, Japan).—Braun, 1902b, 81–82 (= *Prosthogonimus japonicus*).
- ovatum* of Wedl, 1858, 241, pl. 1, fig. 1 (in *Scolopax gallinula*, *Grus cinerea*, *Fulica atra*) and of Linst., 1873, 96 (in *Corvus corone*).—Braun, 1902b, 72–73, 77–78 (= *Prosthogonimus cuneatus*).
- oviforme* Poir., 1886, 26–27, pl. 2, figs. 7, 8, 9 (in *Nycticebus javanicus*).—Braun, 1892a, 700, 721, 735, 737; 1901e, 311, 313.—Looss, 1899b, 608, 618, 714, 715 (to *Phaneropsolus*).—Luehe, 1899, 536 (thinks it is a *Lecithodendrium*).—Mont., 1888a, 38; 1893, 43, 83, 95, 102, 106, 107.—Stoss., 1892, 12–13 (in *Nyct. jav.*).
- ovocaudatum* Vulpian, 1859, v. 5, 150–152 (in *Rana viridis*).—Brand., 1898a, 215 (23).—Braun, 1892a, 603, 765, 774, 775, 784, 786, 787, 798, 803, 805, 808, 810, 814, 815; 1893a, 857, 865, 872, 881; 1893b, 181; 1895b, 11.—Creutzburg, 1890a, 32 pp. (anat. development).—Darr, 1902, 654, 657.—Gamb., 1896a, 72.—Heckert, 1887a, 460.—Kampmann, 1894b, 446.—Leuck., 1863, 490.—Looss, 1885b, 24; 1892a, 74, 101, 123; 1894a, 2, 109–111, 120, 133, 136, 137, 154, 168, 170, 173, 179, 184, 197, 199, 200, 201, 207, 210, 211, 212, 214, 275, pl. 3, fig. 49, pl. 6, fig. 123; 1893b, 813; 1896b, 215, 226, 227; 1899b, 645 (type of *Halipegus*).—Luehe, 1900, 558.—Mont., 1888, 68, 72.—Mueh., 1898, 29.—Schuberg, 1894, 169.—Sons., 1892, 95; 1893, May 7, 215–217; 1893, 187, 188 (in *Rana esculenta*, *R. temporaria*); 1893, 28 Oct., 566; 1893, Apr. 30, 63–64; 1894, 2 May, 172 (*Distomomum*).—Stoss., 1889, 71.
- ovocaudatum* of Nickerson, 1898, 261–264.—Staff., 1900, 405, 409–410; 1905, Apr. 11, 687–688 (syn. of *Halipegus occidialis*).
- ovofarctum* Odhn., 1902, 153–154 (in gallbladder of *Synodontis* sp.; Omdurman, Apr.); 1902, 42.
- ovum* Crep., 1846, 159 (in *Planorbis marginatus*).
- oxycephalikum* Schneidemuehl, 1896, 303, for *oxycephalum*.
- oxycephalum* Rud., 1819a, 98, 375–376 (in *Anas boschas*, *A. clypeata*).—Anacker, 1887c, 513.—Baird, 1853a, 56 (var. of *echinatum* in *Gallus* dom.).—Baillet, 1866b, 105.—Bellingham, 1844a, 423.—Braun, 1892a, 595; 1893a, 879.—Cobbold, 1860a, 12; 1879b, 440.—Crep., 1837, 311, 312; 1846, 142, 144, 145.—Dies., 1850a, 345–346 (syns. *Fasc. appendiculata boschadis*, *D. inermis*); 1858e, 335 (in *Anas clyp.*; *A. crecca*).—Duj., 1845a, 448.—Galli-Valerio, 1898m, 923 (*onycephalum*) (syn. of *Echinost. conoideum*).—Giebel, 1857, 265.—Hahn & Lefèvre, 1884a, 516 (syn. *Fasc. appendiculata* Frøeh.).—Hass., 1896a, 2, 3 (syn. of *Echinost. echinatum*).—Landois, 1882, 23.—Linst., 1873, 105.—Leuck., 1863a, 471.—Looss, 1885b, 18.—Mont., 1888, 40.—Nord., 1832a, 47.—Schneidemuehl, 1896, 303 (*oxycephalikum*).—Stoss., 1892, 167 (syn. of *Echinost. ech.*); 1899, 13.—Verrill, 1870, 179.—Reported for *Anas boschas*; *A. boschas* dom.; *A. boschas fera*; *A. clypeata*; *A. crecca*; *A. ferina*; *A. marila*; *A. querquedula*; *A. tadorna*; *Anser albifrons*; *A. cinereus*; *Fuligula ferina*; *Mergus merganser*).
- oxyurum* Crep., 1825, 48–49 (in *Anas marila*; Feb.); 1837a, 316; 1846, 141, 142, 143.—Braun, 1891, 100; 1892a, 570; 1901, 944; 1902b, 11, 15, 23, 26.—Cobbold, 1860a, 12.—Dies., 1850a, 345 (*A. marila* at Greifswald, *A. clangula*, *A. fuligula*, *A. glacialis*, *A. nigra*, *A. tadorna*).—Duj., 1845a, 450.—Linst., 1882, 19.—Poir., 1885, 101 (*oxyurus*).—Sieb., 1836, 239.—Stoss., 1892, 185.—Reported also for *Bucephala clangula*; *Fuligula cristata*; *F. marila*; *Harelda glacialis*).
- pachysomum* Par., 1894, 155 (for *pachysomum*).
- pachyderma* Braun, 1899e, 629 (in *Chelone atra* =? *Thalassochelys caretta*); 1901b, 26–27, fig. 23.

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- pachysoma* Eysenhardt, 1829, 144 (in *Mugil auratus*).—Braun, 1892a, 578, 614, 672, 698, 727, 737; 1893a, 910; 1895b, 129.—Cobbold, 1860a, 27.—Dies., 1850a, 366 (in *Mug. aur.*).—Looss, 1894a, 178; 1902, 129.—Luehe, 1900, 487.—Mont., 1888a, 12; 1893, 43, 82, 129, 151 to [*(Monorchis)*].—Par., 1894, 155 (*pachisomum*).—Sons., 1891, 253, 255.—Stiles & Hass., 1898a, 91.—Stoss., 1886, 15, 47–48 (in *Mugil*); 1886, 16 (in *Mugil auratus*, *M. cephalus*); 1898, 27 to (*Podocotyle*).—Also reported for *Mugil chelo*, *Mergil auratus*.
- pacifica* Steenstrup, 1842, 74–75, 135, pl. 2, figs. 2–8 (of *Cerc. echinata* Sieb.).—Braun, 1881a, 329.—Dies., 1850a, 297 (syn. of *Cerc. fallax*); 1855a, 390–391 (syn. of *Cerc. (Hormost.) echinata*) (includes Sieb., 1843, 6, 54–57).—Erc., 1881e, 46, 47, pl. 2, fig. 7; 1882a, 282, 283 (in *Paludina vivipara*).—Fil., 1854a, 17, 18.—Moul., 1856a, 187, 189, 201, 215, 230.
- pagelli* Ben., 1870, 1871a, 43, pl. 4, fig. 17 (in *Pagellus centrodonatus* at Louvain, Belgium; *Cantharus brama*, Belgium).—Jacoby, 1900, 16.—Stoss., 1886, 20 (in *Cantharus brama*, *Pagellus centrodonatus*).
- palæmonis* Linst., 1877b, 186 (in *Palæmon serratus*); 1878a, 315.
- palliatum* Braun, 1892a, 608 (misprint for *palliatum*).—Gronkowski, 1902a, 523, 531 (16, 24) (for *palliatum*).
- pallasii* Poir., 1885, 13–14, pl. 23, fig. 6 (in *Delphinus phocaena*).—Braun, 1892a, 569; 1893a, 873.—Buttel-Reepen, 1902, 167, 171, 172, 176, pl. 6, fig. 16.—Darr, 1902, 666, 671, 698.—Linst., 1886, 125.—Stoss., 1892, 27 (in *Phocaena communis*; India).
- palleniscum* Shipley & Hornell, 1905, 53–54, 55, fig. 11 (in *Balistes* sp.; Ceylon).
- pallens* Rud., 1819a, 111, 408, 676 (in *Sparus aurata*; Naples; August).—Carus, 1884, 130.—Cobbold, 1860a, 26.—Dies., 1850a, 337, 348.—Duj., 1845a, 457–458.—Lint., 1898, 526–527, pl. 47, figs. 8–9; 1901, 415 (in *Alutera schœpfii*), 420, 464.—Looss, 1902m, 762.—Stoss., 1886, 31; 1887, 93; 1898, 47.
- palliatum* Looss, 1885a, 390–427, pl. 23, figs. 1–5, 7–14, 30; 1885b, 3–40, 46, pl. 23, figs. 1–5, 7–14, 30 (in gall ducts of *Delphinus delphis*); 1894a, 234; 1899b, 556, 558 (type of *Brachycladium*), 560; 1902m, 711, 776, 777.—Bettend., 1897a, 15; 1897, 319.—Biehinger, 1888a, 230, 231, 232, 233, 234.—Braun, 1892a, 569, 591, 593, 594, 597, 602, 607, 608 (*palliatum*), 618, 629, 640, 641, 662, 666, 671, 673, 674, 675, 677, 682, 688, 699, 701, 704, 711, 712, 713, 717, 719, 726, 727; 1893a, 875, 910; 1893a, 354; 1900g, 250, 251, 252, 253.—Buttel-Reepen, 1902, 185, 202.—Gronkowski, 1902a, 523, 531 (16, 24) (*palliatum*).—Jackson, 1888, 644.—Juel, 1889, 36, 37.—Kath., 1894a, 142.—Kowal., 1898h, 124 (21).—Lander, 1904a, 16.—Linst., 1886, 125; 1890f, 174, 183.—Mont., 1888a, 26, 36, 52, 54, 58; 1893, 27, 33, 41, 42, 65, 66, 67, 75, 83, 84, 85, 88, 90, 91, 95, 99, 102, 106, 107, 108.—Poir., 1886, 37.—Schuberg, 1895, 178.—Stiles, 1895i, 219, pl. 7, fig. 1; 1901, 203, 204.—Stoss., 1892, 10–11 (to *Cladocœlium*).—Volz, 1899, 232.—Wolf, 1903, 615, 618.
- palmatum* Rentsch, 1860, 38 (in *Seestichling*, *Gasterosteus*), 41.
- paludinæ impuræ* Fil., 1854, 279, pl. 2, figs. 28–31 (in *Paludina impura*); 1854a, 24–25, pl. 2, figs. 28–31; 1855b, 23; 1857c, 9.—Dies., 1855a, 399 (to *Cercariæum*).—Erc., 1881e, 33, 46; 1882a, 269, 282.—Leuck., 1863a, 500.—Looss, 1894a, 32, 362 (see *perlutum*).—Moul., 1856a, 96 (to *Cercaria*).
- paludinæ impuræ* Baer, v. 13, 2, 655.—Dies., 1855a, 399 (to *Cercariæum* (*tentaculorum*)).
- paludinæ impuræ armatum* Fil., 1857c, 207–211, pl. 2, figs. 14–16; 1857c, 9–13.—Dies., 1858d, 281 (to *Cercariæum*).—Looss, 1894a, 32.
- paludinæ impuræ inerme* Fil., 1857c, 207–211, pl. 2, figs. 16–18; 1857c, 9–13.—Dies., 1858d, 280 (to *Cercariæum*).—Erc., 1881e, 33, 34; 1882a, 269, 270.—Looss, 1894a, 32.—Sons., 1884, 58; 1897, 252.
- [*pancerii* D. Valle (a tunicate).]
- pancreaticum* Rail., 1890, 143; 1893a, 360 (in sheep; Japan); 1897, 371–377, 1 fig.—Gomy, 1897a, 371, 372.—Jacoby, 1900, 10, 11.—Janson, 1893c, 261.—Looss, 1907, Feb. 1, 124–127, of Janson, (from Hong-Kong).—Stiles, 1898a, 57.—Ward, 1895, 332 (in *Bos taurus*).
- pancreaticum* Katsurada & Saito, 1906, 501–506 (in cattle; Japan).—See *Eurytrema*.
- pancreatinum* Ward, 1895, 335 (in *Ovis aries*) “probably error for *D. lanceolatum*.”
- papillatum* Rud., 1814a, 105, Fasc. appendiculata Frœlich, p. 56, pl. 2, figs. 8–9 (in *Anas boschas fer.*; Germany), renamed.

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- papilliferum* Mol., 1859, 290 (in *Belone acus*; Batavii); 1861, 213.—Braun, 1892a, 567, 576; 1900, 231.—Carus, 1884, 128.—Dies., 1859c, 433.—Stoss., 1886, 19.
- [*papillosa* Crep., 1837a, 326, as name of a group of distomes.]
- papillosum* Dies., 1850a, 381 (in *Beroë rufescens*; Triest) (= *D. beroë* Will, 1844, 343, pl. 10, figs. 10–13, renamed).—Mont., 1888, 198, 199; 1893, 123.
- paronæ* Mont., 1893i, 43, 191, pl. 1, fig. — (in *Seriola dumerilii*).—Par., 1896 (in *Lichia amia*).
- [*parva* Sluiter, 1900, 6, a tunicate.]
- patellare* Sturges, 1897, Sept., 57–69, figs. 1–5 (in *Triturus* (Molge) *pyrrhogaster* Boie).—Braun, 1899b, 721; 1899g, 492 (to *Phyllodist.*); 1901b, 9, 10, 12.—Looss, 1899b (to *Spathidium*).—Odh., 1902, 64, 65.
- pectinatum* Lint., 1905, 327, 334, 366, 389, figs. 200–203 (in *Trachinotus carolinus*, *Bairdiella chrysaurea*; Beaufort, N. C.).
- pedicellatum* Stoss., 1887, 184–185, pl. 12, fig. 52 (in *Chrysophrys aurata*; Triest) (according to Stoss., 1898, this form belongs in *Podocotyle*).—Braun, 1892a, 578, 720; 1893a, 874, 910.—Looss, 1899b, 571 (thinks it belongs to the *Creadiinae* possibly to *Creadium*).—Luehe, 1900u, 487 (*pedicellatum*).—Mont., 1888a, 12; 1893, 86, 94, 105, 107.
- pedicillatum* Luehe, 1900u, 487 (for *pedicellatum*).
- pedocotyle* Leidy, 1890, 282 (in *Mola rotunda*; Beach Haven, N. J.); 1904a, 231.—Mont., 1893, 135.
- pelagiæ* Kœlliker, 1849, 53–55, pl. 2, figs. 5–6 (in *Pelagia noctiluca*; Naples) to (*Accacœlium*).—Ben., 1858a, 1861a, 178.—Braun, 1892a, 673, 682; 1893a, 852.—Büttel-Reepen, 1902, 202.—Crep., 1849a, 78.—Dies., 1850a, 395.—Mont., 1888, 198, 199; 1893, 29, 30, 40, 47, 64, 122, 123, 124, 126, 135, 136.—Moul., 1856a, 217 (in *Argonauta argo*; *Pel. noct.*).—Pag., 1862, 298 (in *Arg. argo*).
- pelagicum* Staff., 1900, 399–401, fig. 1 (free form) at Passamaquoddy Bay, St. Andrews, New Brunswick; 1902, 481, to *Hemirurus* (*Apoblema*).
- pellucidum* Linst., 1873, 95–103, pl. 5, figs. 5–6 (in *Gallus domesticus*).—Anacker, 1887c, 513.—Braun, 1892a, 678, 711, 725, 728, 734, 736; 1893a, 873, 893; 1901, 13; 1902b, 68, 72, 79 (*Prosthogonimus*).—Hass., 1896a, 2 (to *Cephalogonimus*).—Juel, 1889, 39.—Landois, 1882, 23.—Looss, 1899b, 539 (= *Prosthogonimus*), 628 (to *Prymnopteron*), 721.—Luehe, 1899, 539.—Mont., 1893, 157.—Neumann, 1892, 374 (to *Mesogonimus*).—Rail., 1890, 138 (to *Cephalogonimus*); 1893a, 369.—Schneidemuehl, 1896, 303.—Staff., 1902, 719.—Stoss., 1892, 157.
- pelophylaxis esculenti* Wedl, 1849, 197.—Braun, 1893a, 870.—Dies., 1858e, 355 (in *Pelophylax esculentus*).—Stoss., 1889, 71 (in *Rana esculenta*).
- peregrinum* Braun, 1900f, 389 (in *Rhinolophus ferrum-equinum*); 1900b, type of *Mesotretes*.
- pericardium* Crep., 1849a, 78, *D. helici* Leidy, renamed.—Dies., 1858d, 278 (syn. of *Cercariæum vagans*).—Leidy, 1857, 44 (= *D. vagans*).
- perlatum* Nord., 1832, 88–98, 101, pl. 9, figs. 1–9 (in *Cyprinus tinca*); 1840, 617, 620 (syn. of *Fasc. eriocis*).—Ben., 1858a, 1861a, 193.—Braun, 1892a, 747, 768, 780, 784; 1893a, 856; 1893b, 183.—Cobbold, 1860a, 29.—Crep., 1837, 311, 313, 314, 316, 317, 318, 321, 322, 323, 324, 328, 329.—Dies., 1850a, 394–395 (includes *Fasc. tincae*; *D. globiporum tincae*); 1858d, 280 (larva = *Cercariæum paludine impuræ inermæ*).—Duj., 1845a, 401 to (*Podocotyle*).—Erc., 1881e, 72; 1882a, 308.—Fil., 1857c, 12, 13.—Harz, 1881c, 5.—Hausmann, 1896a, 390, 391; 1897b, 4, 6, 18, 20, 22, 29, 30, 31, 32, 33 (in *Tinca vulgaris*; *Barbus fluviatilis*).—Klein, 1905, 15; 1905, 73.—Kowal., 1894, 2; 1894, 222.—Kroyer 1846–53a, 367 (in *Tinca vulgaris*).—Linst., 1873, 1 (larva = *Cercariæum paludine impuræ inermæ*).—Looss, 1893b, 815; 1894a, 2, 24–33, 42, 48, 86, 113, 122, 123, 124, 125, 126, 127, 135, 136, 137, 140, 148, 150, 157, 158, 166, 167, 173, 177, 178, 191, 192, 195, 207, 208, 211, 212, 213, 215, 218, 231, 232, 239, 249, 257, 262, 264, 266, 269, 270, 273, 274, 276, pl. 1, figs. 4–7, pl. 4, figs. 81–91, pl. 6, fig. 122, pl. 9, fig. 190 (in *Abramis brama*; *Tinca vulgaris*) (includes *Fasc. tincae*, 1790; *D. ferruginosum*, 1877); 1896, 83; 1899b, 598 (type of *Asymphyllodora*); 1902m, 770, 771.—Luehe, 1900, 487.—Moul., 1856a, 50.—Mueh., 1898, 25, 91, fig. 8a.—Odh., 1905, 322.—Sieb., 1835, 65, 66, 82.—Sons., 1897, 252.—Stiles & Hass., 1898a, 92, 93.—Stoss., 1886, 41; 1886, 62 to (*Echinost.*).—Wagener, 1857, 44.

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- perlatum* var. *exspinosum* Hausmann, 1896a, 390–391 (in *Barbus fluviatilis*; Switzerland); 1897b, 29–34.
- permixtus* (Braun, 1901) Stoss., 1904, 2.
- perniciusum* Taylor, 1884, 53.—Caras, 1888a, 35ff.—Corlette, 1897a, 146.—Dunglison, 1893, 338.—Jamieson, 1897b, 147 (syn. of *D. sinense*).—Laspeyres, 1904a, 12.—Lockwood, 1901, 2. ed., 821.—Tyson, 1903, 3. ed., 1180 (syn. of *D. sinense*).—See *Clonorchis*.
- personatum* Poir., 1885, 11–12, pl. 23, fig. 5, pl. 26, fig. 4, host unknown, Gulf of Mexico.—Buttel-Reepen, 1902, 167, 172, pl. 1, fig. 15.—Darr, 1902, 666, 671.—Loennberg, 1891, 71.
- petalosum* Lander in Looss, 1902m, 454 (probably identical with “*D. auriculatum* Wedl of Linton, 1897, 521,” from *Acipenser rubicundus* and probably belongs to *Bunodera*).—See also *lintoni*.
- phasiani galli* Dies., 1855, 64 (*D. dimorphum* Wagener).—Braun, 1892a, 735; 1893a, 874.
- philocholum* Crep., 1845, 330 (in *Delphinus phocaena*, liver).
- philodryadum* West, 1896, 28 Feb., 322–324, pl. 11 (in *Philodryas schottii*; England).—Johnston, 1901, 337.—Luehe, 1900ee, 743.
- philomela* Rud., 1819a, 120 (in *Motacilla philomela*; C. E. V.).—Dies., 1850a, 361 (syn. of *D. macrostomum*).—Duj., 1845a, 443.—Stoss., 1892, 183 (syn. of *D. macrost.*); 1898, 23.
- phoxini* Linst., 1896i, 378–379, fig. 9, a larva in *Phoxinus laevis*.
- phryganæ* Linst., 1877b, 185 (in *Phryganea grandis*); 1878a, 296 (in *Ph. gr.*); 1887, 100.
- physæ fontinalis* Dies., 1855a, 400 (to *Cercariæum*) based on Baer, 1827, 656 (in *Physa fontinalis*).
- physophoræ* Koelliker, 1849c, 53, based on Fil., 1843, 66, pl. 5, fig. 11 (in *Physophora tetrasticha*; Naples).—Dies., 1850a, 374 (syn. of *D. geniculatum*).—Mont., 1893, 124.
- pictum* Crep., 1837, 313, 316 (in *Ciconia alba*); 1846, 135.—Ben., 1868, 298.—Braun, 1893a, 874; 1901, 260; 1901, 896; 1902b, 86, 87–88, fig. 49 (includes *D. singulare* Mol., 1858; *Stomylus* Looss, 1899b, 629; *Stomylotrema* Looss, 1900, 602) (to *Stomylotrema*).—Dies., 1850a, 397.—Stoss., 1892, 185.
- pinnarum* Wagener, 1857, 26 (in *Gasterosteus*).
- pinnatum* Will.-Suhm. (1873), 341.—Thomas, 1882, 447.
- piriforme* Crep., 1846, 142 (in *Anas fusca*, *A. glacialis*), (see *D. pyriforme* Crep., 1837).—Braun, 1901, 259–260.
- pittacium* Braun, 1901, 947–948 (in *Strepsilas interpres*); 1902b, 146–147.—Nicoll, 1906, 521, 522.
- planicolle* Rud., 1819a, 682, 686–687 (in *Pelecanus sula*; Brazil) to (Echinost.).—Brand., 1892, 506 to (Echinost.).—Braun, 1901, 561, 567–568; 1902b, 28, 29, 30, 31 (to *Anoictost.*) (includes Brand., 1892, 506; Duj., 1845a, 430).—Dies., 1850a, 326 (syn. of *Monost. echinostomum*).—Duj., 1845a, 430–431.—Mont., 1892, 710.
- planorbis carinati* Fil., 1857c, 13–14, pl. 2, figs. 12–13; 1857 or 1859, 211–212, pl. 2, figs. 12–13.—Dies., 1858d, 282 (to *Cercariæum*).—Linst., 1873, 7; 1877, 14.—Looss, 1894a, 41.
- planorbis cornei* Linst., 1877, 187.
- platessæ* (Mueller, 1784) Zed., 1803a, 216.—Dies., 1850a, 352 (syn. of *D. areolatum*).—Rud., 1809a, 402 (syn. of *D. areolatum*).
- platyurum* Mueh., 1896, 267–270, figs. 6, 13–14 (in *Harelda glacialis*) [*D. laticolle* Rud. of Mueh.; East Prussia]; 1897, v. 243–279, pl. 4; 1897, 127–128; 1897, 478–479; 1898, 16, 25, 96, 97, 98.—Braun, 1901b, 33; 1902b, 11, 15, 18.—Looss, 1899b, 573–574 (type of *Psilost.*).
- pleroticum* Braun, 1899e, 631 (in host?; Brazil); 1901b, 13, 17.—Luehe, 1899, 529.
- plesioctomum* Linst., 1883, 305–306, pl. 10, fig. 48 (in *Perdix græca*; Turkestan); 1886, 29.—Braun, 1892a, 578, 700, 711, 734; 1899b, 714; 1901, 946; 1902b, 109, 112, 119.—Jacoby, 1900, 10, 11.—Looss, 1899b, 634 (to *Dicrocoelium*).—Stoss., 1892, 152.

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- pleuronectis maximi* Dies., 1855, 64 based on Bellingham, 1844a; 1858e, 340 (see Bellingham, 428), renamed *D. microcotyle*.  
[*plumbeum* D. Valle, (a tunicate).]
- poirieri* Stoss., 1895, 227 (*D. gelatinosum* of Poir., 1885); 1904, 3.—Braun, 1899e, 631 (in *Emys europæa*); 1899b, 716; 1901b, 13, 15, 16, 17, 19, 30.—Looss, 1899b, 567.—Luehe, 1899, 528, 529.
- polonii* Mol., 1859, 291 (in *Caranx trachurus*; *Batauii*); 1861, 219.—Braun, 1892a, 576.—Carus, 1884, 126.—Dies., 1859c, 435.—Mont., 1893, 191.—Olss., 1868, 29; 1876, 15.—Sons., 1890, 142 (in *Caranx trachurus* L.).—Stoss., 1886, 38; 1899, 16.
- polyclinorum* Pag., 1862, 306, pl. 29, fig. 4 (in *Polyclinum*; *Golf von Spezia*).
- polymorphum* Fil., 1837a, 337–338, figs. 8–14 (in *Planorbis submarginata*); 1855b, 23.—Dies., 1850a, 296 (renamed *Cercaria brachyura*).—Moul., 1856a, 213 (syn. of *Cercaria brachyura*).
- polymorphum* (Rud., 1802) Rud., 1809a, 363–364 (in *Mursena anguilla*), includes *Fasc. anguillæ* 1790; 1814a, 101; 1819a, 95, 369–370.—Braun, 1891d, 421; 1892a, 642, 736, 765.—Carus, 1884, 132.—Cobbold, 1860a, 23 (in *Anguilla vulgaris*); 1879b, 458 (in *Esox lucius*).—Dies., 1850a, 340 (includes *D. anguillulæ* *Abildg.*?, *D. anguillulæ* *Zed.*, *Fasc. anguillæ*); 1858e, 333 (in *Anguilla vulgaris*) (includes Dies., 1850a, 340; Wedl, 1855, 383, 394, pl. 2a, 17, 400, 408, pl. 1b, 7; Stein, pl. 7, fig. 23).—Duj., 1845a, 468.—Juel, 1889, 39.—Kroyer, 1846–53a, 641 (in *Anguilla migratoria*).—Leeuwenhoek, —, 344.—Linst., 1873e, 99.—Nord., 1840, 618 (syn. of *Fasc. anguillæ*).—Olfers, 1816, 45.—Risso, 1826, 262.—Stoss., 1902, 562.—Wedl, 1855, 383–384, pl. 2a, fig. 17; 400, pl. 1b, fig. 7.
- polyoon* Linst., 1887, 103–104 (in *Gallinula chloropus*).—Braun, 1902b, 155–156, fig. 98.—Dies., 1850a, 340.—Stoss., 1892, 186.
- plyorchis* Stoss., 1889, 24–25, fig. 61 (in *Corvina nigra*; *Triest*).—Braun, 1892a, 583, 673, 698, 700, 728; 1895b, 129; 1902b, 22.—Buttel-Reepen, 1902, 202.—Linst., 1901, 415, 417, 460, figs. 363, 364, 365 (in *Cynoscion regalis*); 1905, 328, 334, 366 (in *Cyn. reg.*), 385.—Looss, 1894a, 178.—Mont., 1893, 82, 84, 85, 86, 95, 148, 149; 1896, 166, to (P.).—Ofenheim, 1900, 160.—Sons., 1890, 136.—Stiles & Hass., 1895a, 737–742; 1895h, 162–163; 1898a, 92, 97 (type of *Pleorchis*).
- pontaliei* Stoss., 1892, 178, for *pontalliei* (Dist.).
- pontalliei* Cobbold, 1860a, 10 (in *Ardea minuta*) (*D. cladocalium* Dies., renamed).—Stoss., 1892, 178 (*pontaliei*) (syn. of *D. cladocalium*).
- porrectum* Braun, 1899b, 714 (in *Saurophaga saurophaga*; *New Guinea*); 1902b, 109.—Jacoby, 1900, 10, 11.—Looss, 1899b, 634.
- pristiophori* Johnston, 1902, 326–330, pl. 13, figs. 1–7 (in *Pristiophorus cirratus* *Lath.*).—Linst., 1903, 354.
- pristis* Dea longchamps, in Lamouroux, 1824, 563 (in *Marsouin*); 1824, 281.—Braun, 1892a, 579, 583, 584, 728.—Cobbold, 1860a, 36 (to *Echinost.*).—Dies., 1850a, 390 (in *Merlangus communis*; *Normandy*).—Duj., 1845a, 433.—Kroyer, 1838–40a, 606 (in *Merlangus vulgaris* *Cuv.*).—Lamouroux, 1824a, 563.—Looss, 1894a, 204, 218; 1899b, 581 (to *Stephanost.*).—Mont., 1888a, 14; 1893, 86, 88, 105, 107, 108, 109.—Stoss., 1886, 36, 45–46, pl. 8, fig. 33.—Vaullecard, 1901, 143–146, 1 fig.; 1901, v. 8, 640.
- pseudoechinatum* Olss., 1876, 21–22, pl. 4, figs. 45–49 (in *Larus marinus*; *Scandinavia*).—Braun, 1893a, 874.—Kowal., 1896d, 253 (3) (in *Dominicanus marinus*, to (*Echinost.*)).—Mont., 1888a, 14; 1893, 86.—Stoss., 1892, 166 (to *Echinost.*).
- pseudostoma* Will.-Suhm, 1870, 11–12, pl. 11, fig. 2 (in *Alligator lucius*); 1871, 185–186, pl. 11, fig. 2.—Brand., 1888a, 15.—Mont., 1892, 34; 1892, 715.—Pavesi, 1881, 294.—Poir., 1886, 334 (to *Diplost.*).—Stoss., 1895, 219 (in *Alligator mississippiensis*; *Florida*).
- pudens* Lint., 1900a, 269, 283, 290–291, pl. 37, figs. 40–47 (in *Paralichthys dentatus*; *Woods Hole*, *Sept.*); 1901, 415, 420, 482; 1905, 328, 334, 372, 413 (in *Paralichthys albiguttus*, *Rachycentron canadus*).
- pulchellum* Rud., 1819a, 94, 367–368, 595 (in *Labrus cynædus*; *Naples*).—Barbagallo & Drago, 1903, 410 (in *Gobius jozo*; *Catania*), to (*Dicrocoelium*).—Carus, 1884, 131.—Cobbold, 1860a, 22.—Dies., 1850a, 338–339.—Duj., 1845a,



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- 462.—Looes, 1901, 399.—Mol., 1859, 844.—Odhn., 1901, 484, 493, 494; 1902, 160-161 (to *Helicometra*).—Sons., 1891, 257-258 (in *Tinca vulgaris*).—Stoss., 1886, 54; 1898, 45-46.—Also reported for *Blennius ocellaris*, *Labrus mixtus*.
- pulcherrimum* (Weyenbergh, 1876) Weyenbergh, 1878, v. 3, 31-38 (in *Hypostomus plecostomus*; Argentina); 1878, 354-361; 1878, 554-561; 1880, 31-39.—Braun, 1893a, 871.—Looes, 1885b, 55.
- pulicis* Linst., 1892, 333-334, pl. 15, fig. 19 (in *Gammarus pulex*).—Braun, 1891b, 182.
- pulmonale* Bætz, 1883a, 236-237, fig. 3 (in *Homo*).—Anders, 1903, 6 ed., 1245.—Bl., 1888a, 627 (syn. *D. ringeri*).—Brand., 1888a, 50; 1890a, 577; 1891b, 265.—Braun, 1892a, 664, 758; 1893a, 876, 882; 1893b, 185, 186; 1901, 332; 1903, 3 ed., 155 (syn. of *Paragonimus westermani*).—Cobbald, 1884g, 976.—de Does, 1903, 409-412.—French, 1896a, 644.—Gamb., 1896, 63, 70.—Hahn & Lefèvre, 1884a, 546 (syn. of *D. ringeri* Cobb.).—Huber, 1896a, 576-577.—Janson, 1897a, 454-455 (in dogs, cats, swine).—Janson & Tokishige, 1892, 349, 351.—Katsurada, 1899a, 8-29; 1900, 506.—Katsurada & Fujiki, 1899a, 1-18, 8-29 (pathology).—Katsurada & Saki, 1899a, 141-185 (treatment).—Kholodk., 1898, 26, 31, pl. 11, figs. 18-21; 1899a, 152.—Kurimoto & Ijima, 1892a, 718-720.—Leuck., 1889, 404-440, figs. 181-190.—Linst., 1890f, 178 (syn. of *D. westermani*).—Looes, 1894a, 118, 142, 159, 180, 181, 186, 206; 1899b, 560; 1905, 84 (syn. of *Paragonimus westermani*); 1905m, 280.—Manson, 1895, 54-55; 1901 (Gibson), 541 (syn. of *D. ringeri*); 1903, 3 ed., 631 (syn. of *Paragonimus westermani*).—Miyake & Matzui, 1894, 1-6, pl. 1.—Moniez, 1896, 144.—Mont., 1888, 54; 1893, 13, 33, 35, 38, 39, 83, 87, 95, 102, 105, 106, 107, 155, 157.—Mosler & Peiper, 1894, 178-179.—Otani, 1888.—Rail., 1890, 143.—Remy, 1883, 525-527, fig. 2.—Rev. sci., 1890, 189.—Schneidemuëhl, 1896, 301-302.—Shaw, 1901, 600.—Simon, 1896, 225; 1897, 209, 224, 259.—Stiles & Hase., 1900a, 567.—Stoss., 1892, 32 (to *Mesogonimus*).—Taniguchi, 1903, Dec., 100, 105.—Taylor, 1884, 44-48, 51-52, fig. 1.—Vierordt, 1898, 158.—Vincent, 1889, 184; 1890, 189-190; 1890, 80.—Ward, 1895, 244 (syn. of *D. westermani*), 328 (in *Homo*), 341 (in *Canis familiaris*); 1903, 867 (syn. of *Paragonimus westermani*).—Weichselbaum, 1898, 315.—Wolf, 1903, 612.—Wood & Fitz, 1897, 336.—Yamada, 1899, (pathology); 1900 (prophylaxis).—Yamagiwa, 1890a, 457 (seu *cerebrale*); 1891a; 1891b; 1891c.
- pulmonale colubri natricis* Viborg, 1795, 243.—Dies., 1850a, 348 (syn. of *D. naja*).—Rud., 1809a, 434.—Ward, 1895, 244 (syn. of *D. westermani*).
- pulmonar* La Clínica de Málaga, 1883, 308, for *pulmonale*.
- pulmonis* Kiyona, Suga & Yamagata, 1881, teste Ijima, 1889b, 148.—Braun, 1903, 3 ed., 155 (syn. of *Paragonimus westermani*).—Ijima, 1889b, 148.—Inouye, 1903, 120.—Katsurada, 1900d, 506 (syn. of *D. westermani*).—Ward, 1895, 328 (in *Homo*), 341 (in *Canis familiaris*); 1903, 867 (syn. of *Paragonimus westermani*).
- pulmonum* (Bætz, 1880) Tomono Hidekata, 1883 (autopsy).—Inouye, 1903, 120.—Inouye & Katsurada, 1893, 798; 1897, 995 (in brain).—Looes, 1905, 84 (syn. of *Paragonimus westermani*).—Riussai, 1884 (treatment).—Tomono, 1883, no. 96.—Yamagiwa, 1890.—Yamagiwa & Inouye, 1890a, 20 Sept., —; 5 Oct., —; 20 Oct., —; 1890, 5 Nov., 30-40; 20 Nov., 26-38.
- pulvinatum* Braun, 1899, 630 (in *Flusschildkroeten*; Brazil); 1901b, 24-26, fig. 18.—Looes, 1902m, 515, 516.—Odhn., 1902, 42; 1902, 153.
- punctatum* (misprint for *D. punctum* Zed., 1800a, 184) Dies., 1850a, 329 (syn. of *Monost. cochleariforme*).—Harz, 1881c, 11.
- punctum* Zed., 1800a, 164, 183-184 (in *Cyprinus barbus*; Europe); 1803, 217.—Bremsler, 1824, 134.—Cobbald, 1860a, 28 (in *Barbus communis*).—Crep., 1837, 326; 1839, 289.—Dies., 1850a, 377 (includes Bremsler, 1824c, pl. 9, figs. 21, 22; Duj., 1845a, 463; Rud., 409, 1819a, 112).—Duj., 1845a, 463.—Harz, 1881c, 5, 10, 11 (*punctatum*), 152, 154.—Hausmann, 1896a, 391; 1897b, 30.—Kroyer, 1846-53a, 333 (in *Barbus fluviatilis* Ag.).—Nord., 1832a, 88.—Olfers, 1816, 46.—Rud., 1809a, 327, 366, 409-410; 1819a, 112-113.—Stoss., 1886, 54.
- pungens* Linst., 1894, 333-334, fig. 10 (in *Podiceps minor*; Seeburger See).
- pusillum* (Braun, 1790) Zed., 1803a, 210.—Braun, 1893a, 870.—Cobbald, 1860a, 7 (in *Erinaceus europæus*); 1879b, 295.—Crep., 1825, 55-57; 1837, 310, 326; 1841, 78.—Dies., 1850a, 360 (to *Fasc.*).—Duj., 1845a, 438-439.—Harz, 1881c, 3 (*pusillum*).—Olfers, 1816, 30, 44.—Rud., 1809a, 163, 384-386; 1819a, 104, 119 (*pars*, syn. of *D. aluconis thoracicum*).—Stoss., 1892, 33, (to *Agamodist.*).

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*pussilum* Harz, 1881c, 3 (for *pustillum*).

*putorii* Mol., 1858, 131 (in *Mustela putorius*; Patavii); 1861, 224, pl. 5, fig. 4.—Braun, 1893a, 870 (in *Fætorius putorius*).—Cobbold, 1860a, 9.—Dies., 1858e, 354 (in *Mustela putorius*).—Erc., 1881e, 56; 1882a, 292.—Linst., 1875, 192, pl. 2, fig. 14.—Stoss., 1892, 34 (to *Agamodist.*).—Also reported for *Putorius vulgaris*.

*putorii* (Gmelin, 1790) Rail., 1893a, 366.

*pygmæum* Levin., 1881a, 73–75, pl. 3, fig. 3 (in *Somateria mollissima*; Egedesminde).—Braun, 1892a, 578, 583, 586, 642, 720, 721, 736; 1900, 234.—Jägers., 1901, 982 (type of *Spelotrema*).—Looss, 1899b, 620; 1902m, 704, 705, 706, 784 (in *Somateria mollissima*).—Luehe, 1899, 537.—Mont., 1893, 43, 61, 83, 95.—Nicoll, 1906, 522, 523, 524.—Odhn., 1900, 13; 1905, 314 (to *Spelotrema*).—Stiles & Hass., 1902d, 20 (type of *Spelotrema*).—Stoss., 1892, 147.—Ward, 1901, 184.

*pygmæum similis* (Jägers., 1900) Looss, 1902m, 784.

*pyramidum* Looss, 1896b, 76–78, pl. 6, fig. 52 (in *Rhinolopus hippocrepis* Bonap.; Ghizeh); 1898, 453, 454, 456, 457, 458, figs. 1, 4.—Stiles, 1901, 200.

*pyriforme* Crep., 1837a, 316 (in *Eisente*); 1847, 142 (*piriforme*).—Dies., 1850a, 397 (in *Anas fusca*, *A. glacialis*).—Stoss., 1892, 186.

*pyriforme* Lint., 1900, 269, 279, 292–293, pl. 38, figs. 52–59 (in *Palinurichthys perciformis*; Woods Hole, Aug.); 1901, 415 (in *Cynoscion regalis*, *Monticircus saxatilis*, Pal. percif.), 422, 453, 454, 457, 458, 460, 462, 483; 1905, 328, 334, 352, 360, 380, 382 (in *Brevortia tyrannus*, *Lagodon rhomboides*, *Menidia menidia*).

*pyxidatum* Bremser in Rud., 1819a, 678–679 (in *Crocodylus sclerops*; Brazil).—Cobbold, 1860a, 19.—Dies., 1850a, 358 (in *Champsæ sclerops*; Brazil).—Duj., 1845a, 452.—Leuck., 1863a, 460.—Rud., 1819a, 678–679.—Stoss., 1895, 231–232.—Also reported for *Caiman sclerops*, *Jacare sclerops*.

*quietum* Staff., 1900, 403–406, fig. 4 (in frogs; apparently Canada).—Type of *Glypthelmins*.

*rachion* Cobbold, 1858b, 158, pl. 31, figs. 9–10 (in *Morrhua ægelfinus*); 1860a, 25.—Braun, 1892a, 642.—Lint., 1898, 538–539, pl. 53, figs. 3–7; 1901, 415 (in *Gadus callarias*), 422, 476.—Mont., 1893, 82, 85, 86.—Nicoll, 1907, 77, 79 (syn. of *Lepodora rachisea*).—Odhn., 1905, 332 (type of *Lepodora*) (*rachisea*).—Stoss., 1886, 43 (in *Gadus morrhua*).

*radiatum* Duj., 1845a, 427–428 (in *Carbo cormoranus* or *Pelecanus carbo*), to (*Echinost.*), from *Vien. Mus.*—Dies., 1850a, 383 (syn. of *D. echinatum*).—Stoss., 1892, 167 (syn. of *Echinost. ech.*); 1898, 52.

*radula* Duj., 1845a, 433–434 (in *Lymnæus palustris*; Rennes), to (*Echinost.*).—Dies., 1850a, 395.—Fil., 1854a, 17.—Moul., 1856a, 203.

*ragazzi* Linst., 1903t, 354, for *ragazzii*.

*ragazzii* Setti, 1897, 8–12, pl. 8, figs. 6–7 (in *Squalus*; Eritrea), to (*Polyorchis*).—Ariola, 1899, 7.—Linst., 1903, 354 (*ragazzi*).—Looss, 1899b, 642, 644, 731, 737 (type of *Syncœlium*).—Par., 1896, 3, nomen nudum (in *Squalus* sp.; Red Sea).

*rajæ* Rud., 1809a, 435 (*D. rajæ intestinale* Viborg).

*rajæ intestinale* Viborg, 1795, 242.—Rud., 1809a, 435 (*D. rajæ*).

*ralli* Rud., 1819a, 120 (in *Rallus aquaticus*; M. C. V.).—Dies., 1850a, 339 (syn. of *D. holostomum*).—Duj., 1845a, 447.—Stoss., 1892, 145 (syn. of *Cladocœlium holost.*).

*ramlianum* Looss, 1896b, 36–44, pl. 3, figs. 17–19 (in *Caméléon*; Ramleh); 1898, 461; 1899b, 589–590 (type of *Lepoderma*).—Luehe, 1899, 531.—Stoss., 1904, 2.

*raræ esculentæ* Dies., 1850a, 388 (syn. of *D. retusum*), based on Valentin, 1841, 54.

*rarum* Ben., 1858a, 1861a, 178 (in *Cyprinus dobula*).—Fraip., 1880c, 417.

*rastellus* Olss., 1876, 16–17, pl. 3, figs. 31–36 (in *Rana temporaria*).—Braun, 1892a, 736; 1893a, 881.—Linst., 1887, 97, 98, 101, 102 (syn. of *D. endolobum* Duj.).—Looss, 1894a, 82, 84, 85 (syn. of *D. end.* Duj.).—Mont., 1893, 94, 102 (*rastellum*).—Stoss., 1889, 66.

*rathonisi* Simon, 1896, 182, 192, misprint for *rathouisi*.

*rathonisii* Huber, 1894a, 2 (contents). 1896a, 575 (misprint for *rathouisi*; syn. of *D. buskii*).—Simon, 1896, 182, 192; 1897, 223.

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- rathouisi* Poir., 1887, 203–211, pl. 13, figs. 1–7 (in *Homo*); 1888, 186–187; 1888, 49.—R. Bl., 1891, 610 (syn. of *D. buski*).—Braun, 1892a, 568 (*rathouisii*), 602, 635, 638, 682, 684, 699, 704, 717, 719, 733; 1893a, 875, 882; 1895b, 141–142 (*rathouisi*), fig. 57 (probably identical with *D. buski*); 1903, 3 ed., 154, fig. 100 (*rathouisi*); 1906, 157–160, fig. 91.—Gamb., 1896a, 63, 70 (*rathouisii*).—Hoyle, 1890, 538.—Iijima, 1889b, 133 (*rathouisi*).—Kholodk., 1898, 26, 30, 31, pl. 11, fig. 17.—Leuck., 1889, 328–336, figs. 150, 152, 153.—Moniez, 1896, 86, 117–118.—Mont., 1893, 33 (*rathousii*), 83, 84 (*rathouisi*), 102, 107.—Stoss., 1892, 27–28 (syn. of *D. crassum*) (in *Homo*; China; India).—Ward, 1895, 328 (in *Homo*).
- rathousii* Braun, 1892a, 568, for *rathouisi*.
- rathousii* Mont., 1893, 33, for *rathouisi*.
- raynerianum* Nardo, 1827, 68–69 (in *Luvarus imperialis*; Venice); 1833, 524.—Carus, 1884, 125.—Cobbold, 1860a, 28; 1879b, 460.—Dies., 1850a, 376.—Mont., 1891, 500, 520.—Stoss., 1886, 15; 1891, 112.—Also reported for *Proctostegus* *prototypus*.
- receptaculum* Cobbold, 1860a, 29 (*D. labracis* Duj. renamed, in *Labrax lupus*).—Odhn., 1901, 514.—Stoss., 1898, 46.
- recurvatum* Linst., 1873, 101, 105, 106, pl. 5, fig. 1 (in *Anas marila*).—Braun, 1892a, 569; 1893b, 183.—Kowal., 1894, 3; 1895, 355–356, figs. 9–11, 12c; 1895g, 1, 15, 41, 55; 1896d, (7), 257 (in *Anas boschas*; *Fuligula marila*; *Dublanys*), to (*Echinost.*).—Sons., 1897, 252.—Stoss., 1892, 162 (to *Echinost.*).—Villot, 1878, 25.
- recurvum* Duj., 1845a, 410 (in *Mus sylvaticus*; Rennes), to (*Brachylaimus*).—Braun, 1899g, 492; 1901e, 339–341 (includes *D. musculi* Rud.; Duj.; Dies.), 341.—Cobbold, 1860a, 9; 1879b, 316.—Dies., 1850a, 389.—Stoss., 1892, 19–20 (in *Mus sylvaticus*; Rennes).
- refertum* Mueh., 1898, 18 (in *Cypselus apus*; East Prussia), 26, 84, 86–87, figs. 5, 12.—Braun, 1902b, 100, 109 (= *clathratum* Desl.).—Jacoby, 1900, 10, 11.—Looss, 1899b (to *Dicrocoelium*).—Rail., 1900, 239 (syn. of *Dicrocoelium clathratum* Deslong.).
- reflexum* Crep., 1825a, 54 (in *Cyclopterus lumpus*; Mar. and Apr.).—Bellingham, 1844a, 425.—Ben., 1858a, 1861a, 178; 1870, 51, pl. 5, fig. 3.—Braun, 1892a, 578, 699, 700, 734, 737; 1893a, 873, 910.—Cobbold, 1860a, 24.—Dies., 1850a, 373 (includes *D. cyclopteri* in *Cyclopterus lumpus*; Greifswald); 1858e, 342 (in *Cyclopterus lumpus*).—Duj., 1845a, 467.—Hausmann, 1897b, 4, 6, 20, 22 (in *Trutta salar*).—Jacoby, 1900, 11.—Kroyer, 1838–40a, 613 (in *Cyclopterus lumpus*).—Mont., 1893, 95, 102.—Nicoll, 1907, 73, 74.—Odhn., 1901, 484, 485, 506, 508, 509, 512; 1905, 321.—Olas., 1868, 52.—Stoss., 1886, 28.
- reinhardi* Linst., 1903, 280–282, fig. 16 (in *Astacus leptodactylus*).
- renale* Fil., 1855b, 19–20, 23, pl. 2, fig. 21 (in *Helix adspersa* near Turin); 1857, 435–436, fig. 21, pl. 2.—Dies., 1858d, 266 to *Cerc.* (*Gymnocephala*).—Erc., 1881e, 64, 65; 1882a, 300, 301.—Moul., 1856a, 164, 216 (to *Cerc.*) (in *Helix aspera* at Turin).—Par., 1894, 160.
- reniferum* Looss, 1898, 461 (*D. unicum* Looss, not Mol., renamed); 1899b, 590 (type of *Astia*); 1900 (type of *Astiotrema*).—Braun, 1901b, 37.—Luehe, 1899, 531 (*reniforme*).
- reniforme* Luehe, 1899, 531 (syn. *unicum* Looss, nec Mol.), 532 for *reniferum* Looss.—Stoss., 1904, 2.
- repandum* Rud., 1819a, 681 (in *Rana* sp.; Brazil).—Dies., 1850a, 355.—Cobbold, 1860a, 19 (in *Cystignathus pachypus*; Brazil).—Duj., 1845a, 454.—Stoss., 1889, 71 (in *Cystignathus ocellatus*).
- reticulatum* Wright, 1879, 58–59, pl. 1, fig. 6 (in *Ceryle alcyon*); 1879, 7.—Braun, 1892a, 570, 698; 1893a, 876.—Looss, 1894a, 171; 1899b (= *Fasc.*).—Stoss., 1892, 154.
- reticulatum* Looss, 1885b, 40–57, 59 (*retikulatum*), pl. 23, figs. 16, 20–29 (in “Wels,” Costa Rica); 1885a, 427–444; 1894a, 137, 138, 171; 1899b, 536, 585, 650, 651, (to *Clinost.*).—Biehringer, 1888a, 230, 231, 232, 233.—Bock, 1886a, 544.—Braun, 1892a, 603, 607, 608, 611, 615, 640, 650, 651, 664, 677, 688, 735, 741, 742; 1892, 46; 1893a, 871; 1899g, 484, 485, 486, 487, 491; 1900h, 2, 3, 4, 5, 6, 9, 13, 43, 44; 1900, 26, 31; 1902b, 129.—Jackson, 1888, 644, 645.—Linst., 1890f, 183.—MacCallum, 1899, 705, 707.—Mont., 1888a, 15, 30, 32, 38, 43, 54, 57, 92 (type of *Mesogonimus*); 1893, 18, 44, 65, 66, 83, 85, 88, 90, 91, 102, 106, 107, 155, 156.—Roesbach, 1906, 377.—Stiles & Hass., 1898a, 86 (see *D. dictyotus*) (type of *Mesogonimus*).—Reported for *Acipenser* sp.

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- reticulatum* Poir., 1886, 39, pl. 3, fig. 8 (in *Axinurus dugesii*).—Braun, 1899g, 491 (syn. of *Clinost. marginatum*); 1900h, 44, 45.
- reticulatum* Looss, 1885b, 59, for *reticulatum*.
- retroconstrictum* Srámek, 1901, 95, 108, fig. 62 (syn. *Monost. constrictum*) (in *Abramis brama* Cuv.); 1902, 21 Apr., 173.
- retroflexum* Mol., 1859, 290 (in *Belone acus*; *Batauii*); 1861, 213.—Braun, 1893a, 910; 1893b, 184 (in *Bel. vulgaris*).—Carus, 1884, 124.—Dies., 1859c, 432.—Luehe, 1900, 488, 492; 1901, 480.—Stoss., 1883, 117 (in *Bel. acus*); 1886, 16; 1891, 216.
- retusum* Duj., 1845a, 405–406 (in *Rana temporaria*; Rennes), to (*Brachycœlium*).—Baillet, 1866b, 96.—Ben., 1858a, 1861a, 92–96, 178, 186, pl. 11, figs. 9–27.—Braun, 1892a, 767; 1893a, 860, 866, 881.—Cobbold, 1860a, 18 (in *Rana esculenta*; *Valentin*).—Dav., 1877a, lxxi, fig. 34.—Dies., 1850a, 388 (includes *D. clavigerum*; *D. ranæ esculentæ*); 1858, 348 (in *Rana halescina*); 1859c, 434 (cf. *Cerc. armata minor* Ben., 1858a, 98, pl. 11, figs. 9–27, in *Lymnæus stagnalis*; Belgium).—Erc., 1881e, 73, 82, 84, 85, 89; 1882a, 309, 318, 320, 321, 325.—Frap., 1880c, 417.—Gamb., 1896a, 72.—Hahn & Lefèvre, 1884a, 516 (of “*Rud.*”).—Leidy, 1851, 207; 1856, 44.—Linst., 1887, 97, 98, 99.—Looss, 1894a, 82, 84 (of Ben. is syn. of *D. endolobum*), 85, 208; 1899b, 611.—Luehe, 1899, 536.—Mont., 1893, 43.—Pag., 1857, 41.—Staff., 1902, 724.—Stiles, 1901, 197, 199, 201.—Stoss., 1889, 63.—Also reported for *Phryganeidæ* larvæ.
- rhatonisti* Simon, 1897, 223, misprint for *rathouisi*.
- rhizophisæ* Mont., 1888, 199 (for *rhizophysæ*).
- rhizophysæ* Studer, 1878, 12–13, pl. 1, figs. 2, 7 (in *Rhizophysa conifera*).—Braun, 1893a, 869; 1893d, 468.—Mont., 1888, 199 (*rhizophisæ*); 1893, 123.
- [*rhodopyge* Sluiter, 1898 (a tunicate).]
- rhombi* Ben., 1870, 72 (in *Rhombus maximus*).—Braun, 1893a, 872.
- ricchiardii* Lopez, 1888, 137–138.—Looss, 1899b, 552, 736; 1901, 204, 206; 1902m, 482, 791 (amphitypie), 846, 854.
- richardii* Brand., 1891b, 267 (for *richiardi*).
- richiardi* Mont., 1891, 500 (for *richiardi*).
- richiardi* Lopez, 1888a, 137–138 (in *Acanthias vulgaris*; Risso).—Ariola, 1899, 8.—Brand., 1891b, 267 (*richiardi*).—Braun, 1892a, 698, 715.—Crety, 1892b, 373 (vitelline nuclei of); 1892c, 396, 399 (*richiardi*); 1892, 24–26, fig. 2; 1892, (92–97); 1893a, 380, 382–384 (*richiardi*).—Linst., 1888, 46; 1903, 354.—Looss, 1894a, 134, 145, 166, 179, 189, 190, 200, 204, 210, 211, 224; 1902m, 482 (*richiardi*), 791, 846, 854, 855 (type of *Probolitrema*).—Mont., 1889, 132–134; 1889, 612; 1891, 500 (*richiardi*); 1892, 5, 6, 7 (*richiardi*); 1892, Oct. 7, 188 (*richiardi*); 1893, 17, 19, 32, 33, 34, 40, 41, 42, 43, 49, 50, 61, 62, 65, 66, 67, 68, 69, 71, 72, 76, 78, 79, 82, 83, 84, 85, 86, 87, 88, 90, 91, 94, 95, 96, 97, 98, 99, 102, 103, 106, 107, 109, 110, 112, 114, 117, 120, 122, 135, 139–148, 209, pl. 1, fig. 10, pl. 5, fig. 51–55, pl. 6, fig. 87, pl. 7, figs. 91–102, pl. 8, figs. 125–130; 1899, 103; 1896, 147, 166 (*richiardi*).—Ofenheim, 1900, 147, 153, 156, 160, 163, 164, 169, 174.—Shipley & Hornell, 1905, 54, 55 (in *Rhinodon typicus*).—Sons., 1890, 135 (*richiardi*).—Stiles, 1896, 205.
- rigens* Linst., 1878a, 282 (in *Scymnodon ringens*) [apparently lapsus for *Dist. ligula* Ben., 1871a, 12], 360 (*ringens*).—Ariola, 1899, 8.—Mont., 1893, 53.
- ringens* Rud., 1819a, 101, 385 (in *Picus tridactylus*; *Mus. Vien.*).—Braun, 1893a, 877; 1893d, 467; 1901, 561, 568.—Dies., 1850a, 361 (syn. of *D. macrost.*).—Duj., 1845a, 444.—Linst., 1903, 354.—Stoss., 1892, 184 (syn. of *D. macrost.*); 1898, 23.—Schlotthauber, 1860, 130.
- ringens* Linst., 1878a, 360, see *rigens*.
- ringers* Cobbold, 1880, 139–140, pl. 10, figs. 1–3 (*Homo*); 1884g, 976.—Anders, 1903, 6 ed., 1245 (syn. of *D. pulmonale*).—R. Bl., 1888a, 627–630, 631, fig. 326; 1891, 610 (syn. of *D. westermanni*).—Braun, 1893a, 876, 877, 882; 1901e, 332; 1903, 3 ed., 155 (syn. of *Paragonimus westermanni*); 1906, 161.—Brunet, 1902a, 125.—Chedan, 1886a, 241–244.—Coplin, 1898, 339–340.—Dunglison, 1893, 338.—Eyles, 1887a, 660.—Gamb., 1896a, 63.—Giard & Billet, 1892a, 614.—Hackley, 1886, 519.—Hahn & Lefèvre, 1884a, 546–548 (syn. of *D. pulmonale* Bætz).—Huber, 1896a, 576 (syn. of *D. pulm.*).—Ijima, 1889b, 148.—Inouye, 1893c, 1–4 (in brain); 1903a, 120–135; 1904a, 617–618.—Jackson, 1888a, 653.—Katsurada, 1900, 506.—Linst., 1889, 3; 1890f, 178.—Lockwood, 1901, 2 ed., 821.—Looss,

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- 1905, 84 (syn. of *Par. westermanni*).—Manson, 1880, Aug., 139–140, pl. 10, figs. 1–3; 1881, 8–9; 1881, July 2, 10–12, figs. 1–9; 1882, 55–62, figs. 1–25; 1882, July 8, 42–45; 1883, Mar. 31, 532–534; 1883, 1813; 1883, 134–138, 138–156, pls. 8–9; 1886, 241–244; 1893, 852–860, fig. 79; 1901, 541; 1903, 3 ed., 631 (syn. of *Par. westermanni*).—Moniez, 1896, 144.—Mont., 1893, 155.—Mosler & Peiper, 1894, 178.—Mouye (1904), v. 1 (1–2); 1904, v. 2, 144.—Packard, —, 523.—Rail., 1886, 296.—Rail. & Marotel, 1898, 31.—Simon, 1897, 259.—Sons., 1884, 17, 18, 19, 20, 21.—Stiles & Tayler, 1902a, Apr. 19, 45.—Stoss., 1892, 32 (syn. of *Mesogonimus pulmomale*).—Taniguchi, 1903, Dec., 100.—Ward, 1895, 244 (syn. of *D. westermanni*), 328 (in *Homo*), 341 (in *Canis familiaris*); 1903, 867 (syn. of *Par. westermanni*).—Yamagiwa, 1891, 5 Jan., 36–41; 1892, 446.—In tiger.
- ringers* Rev. Sci., 1890, 189, misprint for *ringeri*.
- robustum* Lorenz., 1881a, 583–586, pl. 19 (in *Elephas africanus*), figs. 1–6.—Braun, 1892a, 593, 603.—Mont., 1893, 82, 105, 106, 107.—Stoss., 1892, 18 (in *El. afr.*).
- rochebruni* Poir., 1886, 36–37, pl. 4, figs. 4–5 (*Delphinus delphis*).—Braun, 1892a, 673 (*rochebrunni*); 1893a, 875, 910; 1893, 354; 1900g, 251, 252, 253.—Looss, 1894a, 204; 1899b, 560 (to *Brachycladium*).—Mont., 1893, 44, 107.—Stiles, 1895m, 219, pl. 8, figs. 4, 5.—Stoss., 1892, 11 (to *Cladocœlium*).
- rochebrunni* Braun, 1892a, 637, for *rochebruni*.
- rosaceum* Nord., 1832a, 82–88, pl. 8, figs. 1–5, 11 (in *Gadus lota*; October); 1840, 617, 620 (syn. of *Fasc. eriocis*).—Ben., 1858a, 1861a, 99, 100 (syn. of *D. terecicolle*).—Braun, 1892a, 653, 757.—Cobbold, 1860a, 26; 1879b, 458.—Crep., 1837, 313, 314, 318, 321, 323.—Dies., 1850a, 364.—Harz, 1881c, 5.—Kroyer, 1838–40a, 609 (in *Lota vulgaris*).—Looss, 1894a, 5, 6 (syn. of *D. teret.*).—Moul., 1856a, 49 (seems to be only a var. of *teret.*).—Stoss., 1886, 25; 1898, 38.—Wagener, 1857, 25.
- rosarum* Cobbold, 1860a, 21; misprint for *rosaceum*.
- rosea* Ben., 1870, 1871a, 90, pl. 4, fig. 10 (in *Petromyzon omalii*; Belgium).—Linst., 1878a, 290 (in *P. fluviatilis*).
- rubellum* Olss., 1868, 40, pl. 4, fig. 89 (in *Labrus maculatus*; Scandinavia).—Braun, 1892a, 579; 1893a, 910.—Looss, 1899b, 618; 1901d, 399.—Luehe, 1899, 537.—Odhn., 1902, 59, 61.—Staff., 1905, Apr. 11, 692.—Stoss., 1886, 20.
- rubens* Duj., 1845a, 411 (in *Sorex fodiens*, *S. tetragonurus*; Rennes) (to *Brachylaimus*).—Braun, 1901e, 342, 344 (syn. of *D. exasperatum* Rud.).—Cobbold, 1860a, 6; 1879b, 296.—Dies., 1850a, 334–335 (in *Sorex daubentonii*; Rhedoni).—Stoss., 1892, 15 (syn. of *D. exasp.*).
- [*rubrum* Savigny, —, 176 (a tunicate).]
- rude* Dies., 1850a, 360–361 (in *Lutra brasiliensis*; Brazil); 1855, 66–67, pl. 3, figs. 9–10; 1858e, 341.—Braun, 1892a, 735; 1893a, 876, 877; 1899g, 492; 1901e, 327, 329, 332, figs. 12, 15, 17 (to *Paragonimus*).—Cobbold, 1860a, 7; 1859d, 363; 1879b, 298.—Kerbert, 1878a, 272.—Lamouroux, 1824, 563 [*Distome rude*].—Stiles & Hass., 1900a, 604 (to *Paragonimus*).—Stoss., 1892, 36 (in *Lut. bras.*).
- rufoviride* Rud., 1819a, 110, 406–407 (in *Murena conger*; Naples, July).—Bellingham, 1844a, 425.—Ben., 1858a, 1861a, 178, 181, 189, 193, 195.—Braun, 1891d, 424 (in *Uranoscopus scaber*); 1892a, 705; 1893a, 879.—Carus, 1884, 125.—Cobbold, 1860a, 22 (in *Conger vulgaris*).—Dies., 1850a, 342, 371, 372 (includes *D. varium* Eysenhardt) (in *Capros aper*, Naples; *Labrax lupus*, Rhedoni; *Saurus saurus*, Naples); 1858e, 342 (in *Cong. vulg.*).—Duj., 1845a, 421.—Jackson, 1888a, 647.—Kroyer, 1846–53a, 615 (in *Anguilla conger* L.).—Lander, 1904a, 7 (to *Lecithochirium*).—Levin., 1881a, 60.—Linst., 1898, 515–517, pl. 42, 43, figs. 1–4; 1901, 415, 418, 455.—Linst., 1903, 354.—Looss, 1899b, 640 (to *Hemiuirus*).—Luehe, 1901, 58; 1901, 474, 476.—Mol., 1858, 129; 1859, 827, 841, 844 (in *Scorpaena porcus*, *S. scropha*, *Anguilla vulgaris*, *Labrax lupus*, *Trigla corax*); 1861, 205–209, pl. 2, figs. 1, 2, 4, 5.—Mont., 1888a, 7, 8, 17; 1891, 497, 500, 502.—Olss., 1868, 49; 1876, 20.—Pag., 1862, 305, pl. 29, figs. 9–10.—Sons., 1891, 259, 261 (in *Rhombus levis*, *Trigla cuculus*).—Stoss., 1883, 115 (in *Anguilla vulg.*); 1885, 159; 1886, 13 (= *D. caudiporum* Duj.); 1890, 40, 50; 1891, 112; 1902, 582.—Wagener, 1860, 166, 178–181, 183, pl. 9, figs. 6–10.—Also reported for *Acipenser sturio*, *Centronotus glaucus*, *Cepola rubescens*, *Conger conger*, *Dactylopterus volitans*, *Roccus lineatus*, *Saurus lacerta*.

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- saginatium* Ratz, 1898, Oct. 15, 73-75, fig. 5 (in *Ardea alba*); 1900, 437-439.
- salamandræ* (Frolich, 1789) Zed., 1803a, 215 (in *Salamandra nigra*).—Dies., 1850a, 356 (syn. of *D. crassicolle*).—Rud., 1809a, 379 (syn. of *D. crassicolle*).
- salamandrinæ perspicillatæ* Sons., 1896, 1; 1896, 116 (in *Salamandrina perspicillata* Say).
- sanguineum* Sons., 1894, 111; 1894, 1-4 (n. sp. in *Chamaeleo vulgaris*: Gabes, Tunis); 1895, 124.—Braun, 1899b, 718; 1900, 225.—Jacoby, 1900, 11.—Looss, 1896b, 106-114, pl. 7, figs. 69-74, pl. 8, figs. 75-78 (in *Taphosus nudiventris* at Cairo; caméléon in Egypt); 1899b, 556, 636, 637 (type of *Anchitrema*).—Ofenheim, 1900, 183.—Stoss., 1895, 217 (in *Camaleo* vulg.; Tunisia).
- sauromates* Poir., 1886, 24-26, pl. 2, figs. 4-6 (in lungs of *Elaphis sauromates*).—Braun, 1892a, 699, 736, 737; 1893a, 876 (*sauromatis*).—Looss, 1894a, 204.—Luehe, 1899, 532, 533; 1900, 561.—Mont., 1888a, 57; 1893, 83, 86, 95, 102, 107.—Sons., 1893, 185; 1893, 216.—Stoss., 1895, 220-221 (in *Elaphis sauromates*); 1904, 2.—Volz, 1899, 232, 234, 237.
- sauromatis* Braun, 1893, 876, for *sauromates*.
- scaber* Rud., 1819 of Odn., 1905, 353, perhaps a *Stephanochasmus*.
- scabrum* (Mueller, 1788) Zed., 1803a, 215-216 (in *Gadus barbatus*).—Bellingham, 1844a, 427.—Ben., 1870, 61 to (*Echinost.*).—Carus, 1884, 126.—Cobbold, 1858b, 158; 1860a, 37.—Crep., 1837, 311.—Dies., 1850a, 393, 398 (in *Morrhua barbata*, *Lota molva*; Naples); 1858e, 351 (in *Merlangus pollachius*).—Duj., 1845a, 432-433.—Kroyer, 1838-40a, 605; 1843-45a, 41, 166 (in *Gadus morrhua*, *Lota molva*).—Looss, 1899b, 581, 582 (of Mueller, generically *Hemius*, specifically problematic) (of Rud., probably a *Stephanost.*).—Mont., 1891, 507, to (*Fasc.*).—Nicoll, 1907, 78.—Olfers, 1816, 46.—Rud., 1809a, 387, 406-408, 428, 435; 1810a, 376; 1819a, 118, to (*Echinost.*), 122, 124 (see also *scaber*).—Stoss., 1886, 34.—Also reported for *Gadus pollachius*, *Molva vulgaris*.
- scimna* Risso, 1826, 262 (also spelled *scymna* and *scymni* by various authors) (in *Echinorhinus spinosus*; Europe).—Ariola, 1899, 7 (*scymni*).—Dies., 1850a, 347 (syn. of *D. insigne*).—Mont., 1893, 52 (*scymni*).—Villot, 1876, 1344-1346; 1878, 3 (*scymna*).
- scombrinum* Linst., 1889a, 80, for *sobrinum*.
- scorpææ* Rud., 1819a, 122 (in *Scorpæna scrofa*; C. E. V.).—Barbagallo & Drago, 1903, 410 (in *Scorpæna lutea*; Catania) to (*Dicrocoelium*).—Braun, 1892a, 569, 642, 728.—Dies., 1850a, 398.—Looss, 1899b, 571 (this form as described by Stoss., 1885, 3, 5, belongs to the *Creadiinae*, possibly to *Creadium*).—Mont., 1893, 83, 84, 95.—Stoss., 1885, 158 (in *Scorpæna scrofa*; Trieste); 1886, 33; 1898, 49.
- scorpii* (Mueller, 1776) Zed., 1803a, 216.—Dies., 1850a, 366 (syn. of *D. granulum*) (in *Cottus scorpio*).—Rud., 1809a, 395.
- scymna* Villot, 1878, 3, for *scimna*.
- scymni* Mont., 1893, 52, for *scimna*.—Ariola, 1899, 7 (syn. of *D. veliporum*).
- scyphocephalum* Braun, 1899e, 630 (in *Testudo matemata*; Brazil); 1901b, 34-36, fig. 14.
- segmentatum* Mueller, 1894, 125-127, pl. 7, fig. 10, to (*Echinost.*).
- semiarmatum* Mol., 1858, 131 (in *Acipenser naccari*; Patavii); 1861, 223.—Braun, 1892a, 584.—Carus, 1884, 127.—Dies., 1858e, 352.—Odn., 1902, 159.—Stoss., 1886, 42.
- semiflavum* Linst., 1880, 50-51 (in *Petromyzon fluviatilis*).—Stoss., 1886, 54.
- semisquamosum* Braun, 1900b, 228-229, pl. 10, figs. 6, 7 (in *Vesperugo noctula*).—Looss, 1907, Mar. 7, 483 (belongs in *Parabaculus*).
- seriale* Rud., 1808a, 351 (in *Salmo alpinus*; Greenland); 1809a, 368-370 (in *Salmo alpinus*), includes *Fasc. umblæ*, 1780; 1819a, 97.—Braun, 1893a, 876; 1893d, 467.—Cobbold, 1860a, 23; 1879b, 457 (in *Salmo umbla*).—Dies., 1850a, 343 (includes *D. umblæ*; *Fasc. umblæ*).—Duj., 145a, 464.—Olfers, 1816, 45.—Stoss., 1886, 54.
- serpentatum* Mol., 1859, 830-831 (in *Sayris camperi*; Padua).—Par., 1896, 18-19, fig. 7 (to *Brachylaimus*).—Also reported for *Scomberesox rondeletti*.
- serpentulum* Carus, 1884, 131 (for *serpentatum*).—Stoss., 1886, 54.
- serratum* Dies., 1850a, 385 (in *Aranus scolopaceus*; Brazil); 1855a, 67, pl. 3, figs. 14-17; 1858e, 347.—Braun, 1892a, 571.—Stoss., 1892, 171.

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- sialidis* Linst., 1892, 334, pl. 15, fig. 20 (in *Sialis lutaria*).—Braun, 1893b, 183.
- sibiricum* Winogradow, 1892, 116–130 (in *Homo*); 1892, Nov. 30, 910–911; 1900, 617–618 (in *Man*).—Anders, 1903, 6 ed., 1245 (in *man*).—Askanazy, 1900, 491, 492, 494; 1901, 73, 77 (in *Tomsk*, in *Homo*, dog, cat).—Bossuat, 1902, v. 6 (2), 188 (syn. of *Opisthorchis felineus*).—Braun, 1894g, 128–129; 1894h, 755; 1894i, 602–606; 1903, 3 ed., 157 (syn. of *Op. fel.*), 159, fig. 106.—Huber, 1896a, 576.—Kamensky, 1900a, 5, 19.—Katsurada, 1900, 500.—Kholodk., 1899a, 152.—Looss, 1899b, 674; 1905, 89 (syn. of *Op. fel.*).—Moniez, 1896, 137, fig. 27.—Simon, 1897, 209, 223.—Ward, 1895, 328 (in *Homo*); 1903, 869 (syn. of *Op. fel.*).—Weichselbaum, 1898, 315.
- siemensii* Buttel-Reepen, 1900a, 586, 589, 596–598, figs. 8–9 (in *Sphyræna barracuda*; Atlantic Ocean); 1902, Dec. 8, 165–236, pl. 6, fig. 26, pl. 10, fig. 54, text fig. h; 1904, Jan. 26, 24–25; 1905, July, 52–53.—Darr, 1902, 668, 671.
- signatum* Duj., 1845a, 415–416 (in *Coluber natrrix*; Rennes) to (*Brachylaimus*.—Braun, 1891, 100; 1892a, 780, 784, 785; 1893a, 864, 866, 873; 1901b, 13, 16 (of *Erc.*, syn. of *D. ercolanii* Mont.).—Cobbold, 1860a, 20.—Dies., 1850a, 390 (in *Tropidonotus natrrix*); 1858e, 350 (in *Tropidonotus*).—Gamb., 1896a, 72.—Hoyle, 1890, 538.—Kampmann, 1894b, 454, 456, 457, pl. 20, fig. 10.—Linst., 1879, 185.—Looss, 1899b, 706.—Luehe, 1899, 528 (of *Erc.*, not *Duj.*).—Mont., 1893, 187, 188.—Mueh., 1898, 30.—Schauinsland, 1882, 496.—Sons., 1893, 186.—Stoss., 1895, 216–217; 1898, 34.—Volz, 1899, 235, 237.—Wedl, 1855, 400–401, pl. 2b, fig. 8.—West, 1896, 323.—Also reported for *Natrix torquata*.
- signatum* of *Erc.*, 1881c, 73, 74, 75, 76, 78, 79, 81, 82; 1882a, 309, 310, 311, 312, 314, 315, 317, 318, pl. 2, figs. 2–5 (in *Tropidonotus natrrix*), renamed *D. ercolanii* by Mont., 1893, 187, 188, pl. 6, fig. 67.—Braun, 1901b, 13, 16.—Luehe, 1899, 528.—Par., 1904, 1.—Stoss., 1904, 1.
- simile* Sons., 1890, 105 (in *Python molurus*); 1893, 215, 216; 1893; 185 (in *Py. mol.*); 1893, 499.—Looss, 1899b, 602.—Luehe, 1899, 532.
- simile* Looss, 1899b, 602 (see *Hæmatolæchus similis*).—Stiles, 1901, 178.—Stiles & Haas., 1902d, 20 (renamed *Hæmatolæchus similigenus*).
- simillimum* Mueh., 1898, 18 (in *Fuligula nyroca*); 1898, 26, 96–97, 98, figs. 4, 19.—Braun, 1902b, 11, 18.—Looss, 1899b, 574 (to *Psilost.*).
- simplex* Rud., 1809a, 370–371 (in *Gadus æglefinus*), Fasc. æglefini Mueller, 1776, renamed; 1819a, 97.—Braun, 1892a, 642, 699, 711, 728, 736; 1893a, 866, 879.—Cobbold, 1858b, 157.—Dies., 1850a, 343–344.—Duj., 1845a, 466.—Kroyer, 1838–40a, 606 (in *Gadus æglefinus*).—Lamouroux, 1824a, 563 (distome simple).—Levin., 1881a, 18, 67–69, pl. 3, fig. 1 (of *Olls.*, syn. Fasc. æglefini) (larva in *Themisto libellula*; adult in *Cottus scorpius*; *Phobetus ventralis*; *Egedesminde*); 1876, 15.—Lint., 1898, 525–526, pl. 47, figs. 3–7; 1900, 295; 1901, 415 (*Hemitripteris americanus*, *Leptocephalus conger*, *Limanda ferruginea*, *Microgadus tomcod*), 420, 436, 451, 468, 475, 482, 483, 485, 486, figs. 331, 332; 1905, 328, 334, 397 (in *Micropogon undulatus*).—Linst., 1889a, 97 (in *Conger vulgaris*).—Mont., 1893, 61, 83, 86, 94, 102, 105, 106, 107.—Nicoll, 1907, 70, 73 (of *Olls.*, syn. of *Podocotyle atomon*).—Nord., 1840, 619 (syn. of Fasc. æglefini).—Odhn., 1901, 484, 485, 506, 508, 509, 510, 511, 512, 513; 1905, 320–321 (of *Olls.*, syn. of *Podocotyle atomon*) (to *Sinistroporus*, designated type in letter to Stiles, May 15, 1905).—Olfers, 1816, 45.—Olls., 1868, 34; 1876, 15.—Staff., 1904, 484.—Stoss., 1886, 30–31 (in *Anguilla vulgaris*, *Cottus scorpius*, *Gadus æglefinus*, *G. melanostomus*, *Lota vulgaris*, *Phobetus ventralis*, *Raniceps niger*, *Sebastes norvegicus*); 1902, 582.—Also reported for *Conger vulgaris*.
- simplex* Rud. of *Olls.*, 1868, 34; 1876, 15.—Levin., 1881, 67–69 (syn. Fasc. æglefini) (larva in *Themisto libellula*; adult in *Cottus scorpius*, *Phobetus ventralis*; *Egedesminde*).—Odhn., 1905, 320–321 (syn. of *Podocotyle atomon*).
- simplex* Polonio, 1859, teste Par., 1894, 147 (in *Lacerta muralis*; Padua).
- simulans* Looss, 1896b, 52–54, pl. 4, figs. 28–30 (in *Pernis apivorus*; Alexandria); 1899b, 673 (to *Opisthorchis*).—Jacoby, 1900, 7.
- sinense* Cobbold, 1875i, Sept. 18, 423 (in *Homo*); 1875, Oct., 780–781; 1876, 97 (same as *chinense* and *macconnelli*); 1877, Jan., 15–16; 1883, 401; 1884g, 976.—Bætz, 1883, 234.—Biggs., 1890a, 30–37, 1 fig. (in *U. S. A.*).—Billet, 1893a, 506–510, figs. 1–2 (syns.: *D. hepatis perniciosus*, *D. hepatis innocuum*, *D. japonicum*).—R. Bl., 1888a, 585, 596, 615–618 (syn. *D. spatulatum* Leuck.), 622 (similar to *D. japonicum*), 631; 1891, 605, 607–609, 610 (syns.:

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- D. japonicum* Bl., *D. hepatis endemicum sive perniciosum*, *D. hepatis innocuum*; 1901b, 209; 1901c, 586 (to *Opisthorchis*).—Braun, 1891d, 426; 1893, 349, 352, 353; 1893a, 875; 1893f, 386, 425, 427, 428; 1894i, 605; 1895b, 146-147, figs. 63-64; 1903, 3 ed., 161 (to *Opisth.*).—Bruce, 1897a, 211-212.—Brunet, 1902a, 125.—Caras, 1888a, —, pl. 2 (liver flukes of man in Orient); 1888, 44 pp., 4 figs.—Chester, 1887a, 360.—Corlette, 1897a, 146-147 (Australia).—Delafield & Prudden, 1897, 130.—Gamb., 1896a, 63, 70.—Giard, 1904, 8.—Grall, 1887a, 468, 1 fig; 1887, xlviii.—Hackley, 1886, 518-519, fig. 883.—Hahn & Lefèvre, 1884a, 544-545 (syns. *D. spathulatum* Leuck., *D. hepatis innocuum* Bætz).—Hori, 1890.—Huber, 1896a, 577 (syn. of *D. spathulatum* Leuck.).—Ijima, 1889b, 145.—Jamieson, 1897a, 71-74, 1 fig. (jaundice); 1897b, 147-148.—Janson, 1893c, 265-266.—Katsurada, 1891; 1900, 479.—Kholodk., 1898, 26, 28, pl. 11, figs. 6-9; 1899a, 152.—Kuech., 1881, 333-335, pl. 8, fig. 10A.—Kurimoto, 1893a, 1-7, 21-24, 35-39, 1 pl. (in Saga, Japan); 1893b, 67-69, 85-87, 109-111.—Linst., 1903, 279.—Looss, 1905, 90 (to *Opisth.*); 1907, Feb. 1, 136, 137, 141, 142, 143, 144, 147.—MacGregor, 1877, 3-16, 1 pl.—McConnell, [1875, 271-274; 1876, 343 (sineuse); 1878, March 16, 406 (m'connelli)]—Manson, 1901 (Gibson), 540; 1903, 3 ed., 631, 635-637, 639.—Moniez, 1896, 86, 123, 125-136, 137, fig. 25 (excellent discussion).—Mosler & Peiper, 1894, 177-178, fig. 70 (sinese).—Moty, 1893, March 3, 224-230 (pathology).—Nakahama, 1883, —.—Pfihl, 1884, 156.—Rail, 1890, 142, 143.—Remy, 1883, 513.—Schneidemuehl, 1896, 302.—Simon, 1897, 223.—Sons., 1889, 278, 279, 280; 1889, 7 July, —; 1896, 297, 302.—Staff., 1902, 483 (to *Opisth.*).—Stoss., 1892, 23 (syn. of *D. endemicum*).—Taylor, 1875, 772-780, figs. 1-3; 1884, 48-51, 52-53; 1885, 58-60.—Tyson, 1903, 3 ed., 1180.—Vallot, 1889, 382.—Ward, 1895, 238 (man, cat), 328 (in *Homo*); 1903, 869 (to *Opisth.*).—Weichselbaum, 1898, 315.—White, 1902, Dec., 523 (cases in U. S. A.).—Wood & Fitz, 1897, 335.
- sinese* Mosler & Peiper, 1894, 177-178, fig. 70 (for *sinense*).
- sinese* of McConnell, 1876, 343 (misprint for *sinense*).
- singulare* Mol., 1859, 288 (in *Ibis falcinellus*); 1861, 200-201, pl. 2, fig. 6, pl. 3, fig. 3.—Braun, 1891d, 421; 1892a, 578, 700, 736, 737; 1901, 260; 1901, 896; 1902b, 86 (syn. of *Stomylotrema pictum* Crep.).—Dies., 1859c, 428 (in *Ibis falcinellus*; Patavii).—Looss, 1899b, 723 (type of *Stomylus*).—Stoss., 1892, 162.
- singulare* Mol. of Looss, 1899b, 723.—Braun, 1902b, 86 (renamed *Stomylotrema perpastum*).
- sinuatum* Rud., 1819a, 97-98, 374 (in *Ophidium imberbe*; Naples).—Braun, 1883a, 41; 1891d, 421; 1892a, 672, 763, 765.—Carus, 1884, 131.—Cobbold, 1860a, 25.—Dies., 1850a, 344 (in *Fierasfer imberbe*).—Duj., 1845a, 468.—Odhn., 1901, 484, 490, 491; 1902, 160.—Par., 1902, 6 (in *Ophidium barbatum*; Portoferraio).—Stoss., 1886, 55.—Will.-Suhm, 1870, 7-8; 1871, 181-182, pl. 11, fig. 6.—Also reported for *Fierasfer acus*.
- siredonis* Poir., 1886, 32-33, pl. 3, figs. 4-5 (in *Siredon mexicanus*, int.).—Looss, 1894a, 204, to *Opiethiogyphæ*.—Mont., 1893, 83, 86, 102, 107.
- sirenis* Braun, 1893a, 870 for *sirenis lacertinae* Vaillant.
- sirenis lacertinae* Vaillant, 1863, 348-350, pl. 9, fig. 9 (in *Siren lacertina*).—Stoss., 1889, 69.
- sluiteri* (Brock, 1886) Braun, 1892a, 651.
- sobrinum* Levin., 1881a, 70-71 (in *Cottus scorpius*; Egedesminde).—Looss, 1899b, 581 (to *Stephanost.*).—Odhn., 1905, 331 (to *Stephanochasmus*).—Also reported for *Aspidophorus decagonus*.
- soccus* Mol., 1858, 129 (in *Mustelus plebejus*; Patavii); 1861, 203.—Ariola, 1899, 7 (syn. of *D. megastomum*).—Braun, 1893a, 873.—Dies., 1858e, 351 (in *Mustelus plebejus*).—Jacoby, 1900, 17.—Linst., 1903, 354.—Mont., 1893, 53, 192, 193.—Stoss., 1883, 118; 1890, 131; 1898, 38.
- sociale* Luehe, 1901p, 171-173 (in *Bufo melanostictus* Schneider).—Braun, 1901h, 700.—Klein, 1905, 20, 78.—Odhn., 1902, 42.
- solex* Duj., 1845a, 417-418 (in *Pleuronectes solea*; Rennes) to (*Brachylaimus*).—Dies., 1850a, 399.—Kroyer, 1838-40a, 612 (in *Solea vulgaris*).—Mont., 1893, 193.—Stoss., 1886, 55.—Wagener, 1860, 184.
- solexforme* Rud., 1809a, 384 (in *Trigla gurnardus*) (*D. triglae gurnardi* renamed); 1819a, 104.—Braun, 1893a, 873.—Cobbold, 1860a, 26.—Dies., 1850a, 362.—Duj., 1845a, 457.—Fraip., 1881b, 4 (in *Tr. gur.*).—Kroyer, 1838-40a, 100 (in *Tr. gur.*).—Olfers, 1816, 45.—Stoss., 1886, 55.



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- soleare* Braun, 1899e, 629–630 (in *Testudo midas*); 1901b, 22–23, fig. 8.
- somateria* Levin., 1881a, 71–73, pl. 3, fig. 2 (in *Somateria mollissima*; Egedes-minde).—Braun, 1892a, 578, 579, 586, 642, 735; 1893a, 893, 910.—Giard, 1903g, 1225.—Jägers., 1898, 15, 16; 1900, 738.—Jameson, 1902a, 140–166, 4 pls., 3 figs.—Linst., 1890, 179.—Looss, 1894a, 173; 1899b, 618, 619; 1901, 207.—Luche, 1898, 624, 625; 1899, 537.—Mont., 1888a, 12, 38; 1893, 43, 61, 83.—Odhn., 1900, 12, 13; 1905, 311 (to *Gymnophallus*), 313.—Staff., 1905, Apr. 11, 692.—Stoss., 1892, 146.
- sophix* Stoss., 1886, 44–45, pl. 8, figs. 34–35 (in *Pagellus mormyrus*; Trieste); 1898, 49–50.—Braun, 1892a, 644, 720, 728.—Looss, 1899b, 571 (thinks this belongs to *Creadiinae*, possibly to *Creadium*); 1902m, 785 (cf. *D. isoporum armatum*).—Mont., 1893, 85, 94, 102.—Odhn., 1905, 328, 338.
- soricis* Dies., 1858c, 354 (in *Sorex araneus*) (based on *Distome* (*Dicrocoelium*) de la Musaigne-Musette Pontaillie, 1853, 103).—Braun, 1893a, 875.—Cobbold, 1860a, 9.—Stoss., 1892, 36 (in *Crocidura aranea*).
- soricis aranei* Dies., 1855, 64, footnote 3, to (*Dicrocoelium*).
- spari* Rud., 1819a, 122 (in *Sparus erythrinus*, *S. smarix*; C. E. V.).—Dies., 1850a, 399.—Stoss., 1886, 55 (in *Pagellus erythrinus*, *Smaris vulgaris*).
- spathaceum* Rud., 1819a, 109, 403 (in *Larus glaucus*; Mus. Vien.).—Baird, 1853a, 48.—Crep., 1837, 310; 1839, 287.—Dies., 1850a, 310 (to *Hemist.*).—Nitzsch, 1819, 400.—Nord., 1840, 628 (to *Holost.*).
- spatulatum* Leuck., 1876, 871–872 (nec Crep., 1849) see *Opisthorchis sinensis* (see also *D. spatulatum*) (in *Homo*); 1889, 336–355, figs. 154–161.—R. Bl., 1888a, 615 (syn. of *D. sinense*); 1901b, 209; 1901c, 586 (syn. of *Op. sin.*).—Brand., 1891b, 265; 1891c, 731; 1891d, 11.—Braun, 1883a, 65; 1892a, 598, 602, 641, 661, 669, 671, 682, 699, 700, 704, 707, 712, 714, 717, 719, 724, 725, 732, 733, 784, 785; 1893, 349; 1903, 3 ed., 161 (syn. of *Op. sin.*).—Cobbold, 1876, 97; 1883, 401.—Duffek, 1902a, 774.—Gamb., 1896, 63.—Hahn & Lefèvre, 1881a, 544 (syn. of *D. sinense* Cobb.).—Harz, 1881c, 5.—Huber, 1896a, 577–578.—Iijima, 1889b, 145.—Inoue, 1900a, 1–60, 18 charts; 1903, 107–146.—Jamieson, 1897b, 147 (*spatulatum*) (syn. of *D. sinense*).—Katsurada, 1891b, 1–12, 1 pl. (case of *cystoma hepatis*); 1898a, 165–167 (relation to gallstones); 1900b, 479–505, pl. 13, figs. 1–13; 1900c; 1901a, 169–174; 1902a, 50–52; 1904, v. 2 (3), 22; 1904, Dec., 148 (in cats and dogs).—Laspeyres, 1904a, 16 pp. (case).—Looss, 1894a, 180, 186, 206, 212, 214; 1899b, 564; 1905m, 280 (syn. of *Op. sin.*); 1905, 90 (syn. of *Op. sin.*); 1907, Feb. 1, 141 (syn. of *D. sinense*).—MacGregor, 1877, May 26, 775–776 (in *Homo*).—Mont., 1888a, 39, 52 (*spatulatum*), 57; 1891, 110; 1893, 83, 84, 86, 95, 102, 105, 106, 107.—Mosler & Peiper, 1894, 177.—Rail., 1890, 143.—Saito, 1898, June 5, —; 1906, Sept. 10, 133–138, figs. 1–10; 1906, Sept. 20, 1555.—Sons., 1889, 278 (*spatulatum*).—Vogt, 1878, 10, 14.—Ward, 1903, 870 (syn. of *Op. sin.*).—Yamagiwa, 1891, 5 March; 1901, xxx, 155–168, fig. 1.
- spatulatum* Rud. (nec Leuck.) of Crep., 1837, 310; 1839, 287; 1849, 66–67.—Braun, 1901b, 29.—Kowal., 1896d, (3), 253 (in *Botaurus minutus*; Dublany), to (*Echinost.*) for *spatulatum*; 1902d (9), 27 (to *Sodalis*).—Looss, 1902m, 462.
- spatulatum hepatis* Simmonds, 1901, 110–111.
- spatula* Duj., 1845a, 394 (in *Accentor modularis*; Rennes) to (*Dicrocoelium*).—Dies., 1850a, 336.—Stoss., 1892, 156.
- spatulatum* Rud., 1819a, 109, 403–404, 600 (in *Ardea minuta*; Vienn. Mus.).—Bremsen, 1824c, pl. 9, figs. 15–16.—Crep., 1829b, 4.—Dies., 1850a, 367 (to *Holost.*).—Duj., 1845a, 376.—Harz, 1881c, 5.—Nitzsch, 1819, 400.—Nord., 1840, 628 (to *Holost.*).—Stoss., 1892, 186 (in *Ardetta minuta*; Vienna).—Also reported for *Botaurus minutus*.
- spatulatum* Cobbold, 1879b, 28 (for *spatulatum* Leuck.).—Aschoff, 1892, 495.—Askanazy, 1900c, 712.—Hoyle, 1890, 538.—Huber, 1896a, 277–278.—Jamieson, 1897b, 147.—Mont., 1888, 52.—Simon, 1897, 209, 223.—Stoss., 1892, 23 (syn. of *D. endemicum* Bætz).—Ward, 1895, 328 (in *Homo*).
- spatulatum* (endemicum) Anders, 1903, 6 ed., 1245 (in man).
- species Barbagallo & Drago, 1903, 410 (in *Mugil cephalus*; Catania).
- species Barbagallo & Drago, 1903, 410 (in *Julis pavo*; Catania).
- species Barbagallo & Drago, 1903, 410 (in *Trachurus trachurus*; Catania).
- species Duncker, 1881d, 141; 1884a, 39–42, figs. 1–6.

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- species Heymann, 1905, 96–98, figs. A. B.  
 species Johnstone, 1907, 186–188, fig. 17 (in *Labrus mixtus*; Morecambe Bay).  
 species Kellicott, 1894, 123–126.  
 species Nicoll, 1907, 70, 92 (in *Cottus scorpius* Bloch).  
 species Nicoll, 1907, 71, 91–92, pl. 3, fig. 12, pl. 4, fig. 13 (in *Cottus bubalis*)  
 species Nicoll, 1907, 71, 92 (in *Gobius ruthensparri*).  
 species Nicoll, 1907, 72 (in *Pleuronectes microcephalus*).  
 species Sons., 1890, 105, t. h. *Python molurus*.  
*sphærostomum* Schlotthauber, 1860, 130 (in *Corvus caryocatactes*).  
*sphærulea* Looss, 1896b, 81–86, pl. 6, figs. 59–60 (in *Rhinolophus hippocrepis* Bonap.; Ghizeh); 1898, 454, 456, 457, figs. I, VI; 1899b, 547.—Stiles, 1901, 200.  
*spiculator* Duj., 1845a, 424–425 (in *Mus decumanus*; Rennes) to (Echinost.).—Braun, 1901c, 340.—Cobbold, 1879b, 316.—Dies., 1850a, 382.—Erc., 1881e, 15; 1882a, 251.—Linst., 1886, 128–131, pl. 9, figs. 28–29; 1890, 184.—Stoss., 1892, 28 (to Echinost.).  
*spiculigerum* Mueh., 1898, 18–19 (in *Fuligula nyroca*); 1898, 4, 26, 97–100, fig. 18.—Braun, 1902b, 11, 15 (to Psilost.), 16 (syn. of *D. oligoon*), 18, 155.—Looss, 1899b, to Psilost.  
*spiniceps* Looss, 1896b, 114–118, pl. 8, figs. 79–80 (in *Bagrus bayad*; Cairo); 1899b, 578, 581 (type of *Acanthost.*).—Braun, 1899, 630; 1901b, 34.  
*spinosum* Linst., 1880, 51 (in *Sylvia rufa*).—Braun, 1892a, 696, 733.—Looss, 1894a, 175.—Luehe, 1899, 531 (thinks this is perhaps *D. cirratum*).—Stoss., 1892, 162.  
*spinulosum* Rud., 1808a, 458; 1809a, 425 (in *Larus cinerarius*, *L. naevius*, *Colymbus septentrionalis*; Greifswald, July, August) to (Echinost.); 1819a, 116 (in *Colymbus cristatus*; Mus. Vien.), 419.—Baird, 1853a, 56.—Bellingham, 1844a, 426.—Braun, 1892a, 575; 1893a, 879.—Crep., 1837, 316; 1846, 141, 144, 146.—Dies., 1850a, 392; 1858c, 350, 351 (in *Numenius arquatus*; *Anas clangula*; *Larus capistranus*; *L. ridibundus*; *Podiceps cristatus*).—Duj., 1845a, 430.—Linst., 1877, 183, pl. 13, fig. 14.—Mol., 1858, 130–131; 1861, 220–221, pl. 3, fig. 6, pl. 4, fig. 2.—Mueller, 1897, 20–21, pl. 3, fig. 4.—Nord., 1832a, 90, 102.—Olfers, 1816, 47.—Stoss., 1892, 64 (in *Larus ridibundus*; Trieste); 1892, 169 (to Echinost.).—Reported for *Anas boschas fera*, *A. marila*, *A. querquedula*, *Carbo graculus*, *Ceryle rudis*, *Colymbus cristatus*, *C. septentrionalis*, *Haliaeetus graculus*, *Uria grylle*).  
*spinulosum* Hofmann, 1899a, 184, 193, 201.—Braun, 1899, 492 (in *Erinaceus europæus*) to Harmost.; 1900, 12; 1901c, 338 to Harmost., 341.—Looss, 1899b, 689.  
 “*spinulosum*” of Mol., 1861, pl. 4, fig. 2 (is not *E. spinulosum*, see Looss 1899b, 689, but perhaps a *Stephanost.*).  
*spirale* (Dies., 1850) Brand., 1892, 507.—Braun, 1899, 631–632; 1901b, 54.—Stoss., 1895, 232 (in *Peltecephalus tracaxa*, *Testudo tabulata*, *Hypsilopus tuberculatus*).  
*spirale* Fil., see Par., 1896, 2 (in *Dentex vulgaris*).  
*squamala* Kerbert, 1881a, 556 (in *Rana temporaria*) for *squamula*.  
*squamosum* (Villot, 1878) Brand., 1890a, 577.—Braun, 1892a, 569, 735.  
*squamula* Rud., 1819a, 103, 391 (in *Mustela putorius*; Mus. Vien.).—Baird, 1853a, 52.—Brand., 1892, 506.—Braun, 1890a, 439; 1892a, 567, 568, 571, 628, 636, 637, 638, 640, 641, 642, 647, 648, 655, 678; 1893a, 866, 871, 880.—Bremsler, 1824, pl. 9, figs. 9–10.—Crep., 1837, 326; 1839, 288.—Dies., 1850a, 321 (to Monost.) (in *Mustela putorius*; Toulouse).—Duj., 1845a, 406, type of *Euryzoma*.—Fraip., 1880a, 398; 1880b, 106; 1880c, 419, 420–429, 430, 432, 433, 441, 442, 443, pl. 18, figs. 1–17 (in *Rana temporaria*, larva; *Mustela putorius*, adult); 1881b, 1, 3, 4, 14; 1883a, xxxvii.—Gamb., 1896, 72.—Jackson, 1888, 645.—Kampmann, 1894b, 446, 448.—Levin., 1881a, 75.—Linst., 1873, 99.—Looss, 1885b, 20.—Maddox, (1867a), 87–99 (in *Morrhua æglefinus*).—Mont., 1888a, 7, 41, 43, 45; 1893, 62.—Poir., 1885, 102.—Stiles & Hase., 1898a, 88, 98 (type of *Euryzoma*).—Stoss., 1892, 20 (in *Putorius putorius*; *Putorius vulgaris*; Vienna, Tolosa).—Zeller, 1867, 21 Mar., 213–220, pl. 13, figs. 1–4 (in grass frog).—Also reported for *Fætorius putorius*.

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- sternæ cantiacæ* Dies., 1858e, 355 (in *Sterna cantiaca*), based on LaValette, 9, 37, pl. 1, figs. 15, 1. 2., and Moul., 1856, 102.—Stoss., 1892, 186.
- stossichii* (Mont., 1891) Braun, 1891d, 423 (= *D. ocreatum* Mont.) (in *Clupea pilchardus*); 1893a, 911.
- stridulæ* Reich, 1801, 371–386 (in *Strix stridula*).—Brand., 1888a, 9.—Dies., 1850a, 386.—Pulteney, —, 371.—Rud., 1809a, 423 (renamed *D. apiculatum*).
- sturionis* Rud., 1809a, 435 (in *Acipenser sturio*; Arimini); 1819a, 118 (syn. of *D. hispidum*).—Baird, 1853a, 57.—Dies., 1850a, 392 (syn. of *D. hispidum*).
- subclavatum* (Goeze, 1782) Zed., 1800a, 164 (in *Rana*), 185–188.—Ben., 1858a, 1861a, 81, 82 (to *Amphist.*).—Brand., 1888a, 9.—Dies., 1850a, 318 (to *Diplo-discus*).—Rud., 1809a, 348.
- subflavum* Sons., 1892, 91–92 (in *Zamenis viridiflavus* Lacep.); 1893, 184.—Braun., 1893b, 185 (in *Z. virid.*).—Stoss., 1895, 216 (in *Z. virid.*; Pisa).—Volz, 1899, 235, 237.
- subtriquetrum* Nord., 1840, 616 [the sequence of names is *D. amphist.*, *D. subtriquetrum*, apparently a lapsus for *Amphist. subtriquetrum*].
- sulcatum* Linst., 1883, 309, pl. 9, fig. 51 (in *Perdix græca*; Turkestan); 1886, 33.—Braun, 1901, 941; 1902b, 119.—Stoss., 1892, 145 (to *Cladoccelium*).
- suspensum* Braun, 1901g, 948 (in *Corvus* sp.); 1902b, 11, 147.
- sygnoides* Nord., 1840, 617 for *D. cygnoides*.
- tapapense* Sons., 1894, 111–112; 1894, 2–6, 7 (in *Ch. vulg.*, *Rana esculenta*, *Bufo* sp.; Gabes in Tunis) to (*Brachycoelium*); 1895, 124 (in *Chamaeleo vulgaris*).—Looss, 1896b, 86–97, pl. 6, figs. 61–62, pl. 7, fig. 63 (in *caméléon*; Alexandria); 1898a, 460, 461, fig. 2; 1899b, 616, 617, 622 (syn. of *D. medians* Olss., based on reexamination of original slides).—Stoss., 1895, 215 (in *Ch. vulg.*; Tunisia).
- talpæ* Viborg, 1795, 242.—Rud., 1809a, 331, 390.
- tarda* Steenstrup, 1842, 75–76, pl. 3, figs. 1–6 (*Cerc. armata* Sieb., renamed) [name not mentioned in text].—Dies., 1850a, 298 (p. 138 of Steenstrup as syn. of *Cerc. armata*), 418 (p. 138, pl. 3, fig. 5e–g of Steenstrup as ? syn. of *Heptast. hirudinum*); 1855a, 381, 388 (syn. of *Cerc. (Xiphidioc.) armata*); 1858e, 366 (of 1850a, 418, syn. of *Tetracotyle typica*, new name).—Erc., 1881e, 21, 48, pl. 2, fig. 6; 1882a, 257, 284.—Fil., 1854a, 10, 15, 22.—Moul., 1856a, 150, 151, 201, 215, 226, 227, 230 (in *Lymnæus stagnalis*, *Planorbis corneus*).
- tartini* Stoss., 1899, 6, pl. 1, fig. 13 (in *Oblata melanura*; Trieste).
- tectum* Linst., 1873, 104, pl. 5, fig. 4 (in *Osmerus eperlanus*).—Odhn., 1905, 352, 353 (= *crenata* 1802, type of *Brachyphallus*).—Stoss., 1886, 55.
- tener* Looss, 1898, 461 (“*D. tapapense* Sons.” of Looss, 1896, 86, misdetermined) to *Pleurogenes*.
- tenerum* Looss, 1899b, 616 to (*Pleurogenes*), 622.
- tenue* Lint., 1898c, 535–536, pl. 52, figs. 2–8 (in *Roccus lineatus*); 1900, 294; 1901, 415, 455, 468, 469, 479; 1905, 328, 334, 365, 370, 373, 374, 376, 379, 386, 391, 396, 399 (in *Caranx hippos*, *Centropistes striatus*, *Coryphæna equisetis*, *C. hippurus*, *Cynoscion nebulosus*, *Menticirrhus americanus*, *Micropogon undulatus*, *Orthopristis chrysopterus*, *Pomatomus saltatrix*, *Sciaenops ocellatus*).—Odhn., 1905, 331.
- tenue tenuissime* Lint., 1898c, 536–537, pl. 52, figs. 9–12 (in *Morone americana*); 1901, 415, 421, 456 (in *Roccus lineatus*, *Opsanus tau*).—Vaulleuard, 1901, 146.
- tenuicollis* Rud., 1819a, 93, 365–366 (in *Phoca barbata*, liver).—Braun, 1893, 353; 1893a, 875; 1893f, 426, fig. 4; 1901e, 314–315, 338; 1903, 3. ed., 157 (of Mueh., 1896, p. p., syn. of *Opisthorchis felineus*).—Cobbold, 1860a, 6–7; 1879b, 313.—Dies., 1850a, 336–337.—Duj., 1845a, 440, 444.—Jægers., 1898, 6.—Looss, 1899b, 530, 674.—Mueh., 1896, 589 (*D. felineum* as syn.); 1896, 257–262, figs. 4, 11; 1898, 16, 24, 87, 88, 89, 90, 95.—Odhn., 1905, 347 (*Rud. of Olss.*)—Olss., 1893, 9.—Stiles & Hass., 1894e, 428.—Stoss., 1892, 18–19 (in *Phoca barbata*).—Ward, 1903, 869 (syn. *Op. fel.*).—Reported for *Erignathus barbatus*, *Delphinus phocæna*, *Felis domestica*, *Halichoerus grypus*, *Phocæna phocæna*.
- tenuissime* (Lint., 1898) Vaulleuard, 1901, 145 (= *D. tenue tenuissime*).
- tereticollis* (Rud., 1802) Rud., 1809a, 379–381, 405 (in *Esox lucius*, *Perca lucioperca*, *Salmo trutta*); 1819a, 102, 122, 386, pl. 2, fig. 5, 600.—Ben., 1852, 24–29, 33, pl. 2, figs. 1–3; 1858a, 1861a, 98, 104, 174, 177, 178, 186, 189, 193, 206, pl. 8,

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- figs. 1-17 (syns. *D. rosaceum*, *D. lucii*, *Fasc. longicollis*, *F. lucii*, *Plan. lucii*); 1870c, 140, 141, 142.—Bettend., 1897a, 31; 1897, 335.—R. Bl., 1888a, 544, 545, 547.—Brand., 1888a, 41; 1890a, 570.—Braun, 1883a, 70; 1892a, 568, 574, 575, 644, 653, 727, 745, 747, 757, 761, 763, 768, 778, 779, 780, 781, 782, 784, 786, 787, 788, 789; 1893a, 872, 873, 879, 883, 911; 1901b, 33; 1901e, 314, 315, 338.—Bremser, 1824c, pl. 9, figs. 5-6.—Cobbold, 1860a, 21.—Crep., 1837, 310, 311, 313, 314, 316, 317, 318, 321, 322, 323, 325.—Creutzberg, 1890a, 21.—Dice., 1850a, 358 (syns. *D. luzii*, *D. truncatum* Abildg., *F. longicollis*, *F. lucii*, *Plan. lucii*); 1858d, 272 (larva ? *Rhopalocerca tardigrada*); 1858e, 340 (in *Esox estor*); 1859c, 429.—Duj., 1845a, 419-420.—Fil., 1855b, 24, 25; 1857c, 29.—Fischer, 1840, 158.—Fraip., 1880c, 417, 443.—Harz, 1881c, 5 (syn. of *D. lucii* Zed.).—Hausmann, 1897b, 4, 6, 14, 15, 17, 20, 21, 22 (in *Esox lucius*, *Thymallus vulgaris*).—Jackson, 1888, 649.—Johnston, 1902, 329.—Jurine, —, 489.—Kowal., 1894, 2; 1894, 220; 1895, 372-390, pl. 8, fig. 10.—Kølliker, 1843, 99-101, 130, 135, 137.—Kroyer, 1838-40a, 41, 615; 1843-45a, 644; 1846-53a, 253 (in *Esox lucius*, *Lucioperca sandra*, *Salmo fario*, *S. trutta*).—Kuech., 1855, 187.—Lander, 1904a, 19.—Leidy, 1851b, 206; 1856b, 44; 1904a, 48, 87 (tereticolle).—Leuck., 1863a, 457, 459, 460, 485, 490, figs. 147, 148, 159.—Looss, 1893b, 813, 815; 1894a, 2, 5-18, 20, 22, 25, 28, 29, 31, 109, 113, 115, 116, 117, 118, 120, 124, 125, 136, 137, 142, 144, 147, 148, 149, 150, 151, 152, 153, 154, 159, 165, 166, 167, 176, 179, 181, 184, 185, 187, 188, 189, 197, 200, 202, 205, 206, 212, 215, 219, 241, 245, 270, 272, 275, 276, pl. 1, figs. 1-3, pl. 3, figs. 53-63, pl. 4, figs. 64-71, 74, pl. 6, fig. 121 (syns. *D. lucii*, *D. rosaceum*, *Fasc. lucii*, *Plan. lucii*) (in *Esox lucius*, *Lota vulgaris*, *Lucioperca sandra*, *Salmo fario*, *S. hucho*, *S. alpinus*, *S. trutta*, *S. umbra*, *Trutta variabilis*); 1894, 17; 1896b, 109; 1899b, 548, 549, 570; 1902m, 456, 457.—McIntosh, 1864, 150.—Mont., 1888a, 25, 27, 32, 43, 68, 69, 72; 1892, Oct. 7, 185, 187, 191; 1893, 16, 60, 115; 1896, 152, 153.—Moul., 1856a, 25, 31, 32, 49.—Mueh., 1898, 30.—Nord., 1840, 617, 619, (syn. of *Fasc. longicollis* Bloch).—Ofenheim, 1900, 152.—Olfers, 1816, 45.—Olas., 1876, 18; 1893, 11.—Poir., 1885, 102.—Schauinsland, 1882, 494, 496, 497.—Sieb., 1835, 59, 66, 82; 1836, 233, 237.—Sons., 1891, 264 (in *Esox lucius*).—Sramek, 1901, 96, 105, figs. 58-59 (syns. *Fasc. lucii* Mueller, *F. longicollis* Bloch, *F. teret.* Rud., *Plan. lucii* Göze, *D. lucii* Zed.).—Stoss., 1886, 25; 1890, 50; 1891, 216; 1898, 38; 1904, 199.—Tennent, 1906, 670.—Wagener, 1857, 25, 28, 45, pl. 20, figs. 1-5 (in *Esox lucius*).—Wolf, 1903, 610.—Also reported for *Esox reticulatus*.
- tereticolle lucii* Mayer, 1841a, 18.
- tereticolle rosaceum* (Nord., 1832) Dies., 1850a, 364.
- tereticollis* Blainv., 1828a, 585 (for *Fasc. tereticollis* Rud.).
- teretiusculum* Mont., 1893, 40, 41, 42, 43, 82, 83, 94, 96, 98, 102, 118, 193, pl. 1, fig. 4; pl. 6, fig. 66 (in *Solea klenii*).—Jacoby, 1900, 4.
- tergestinum* Stoss., 1889, 28, pl. 13, fig. 57 (in *Oblata melanura*; Trieste); 1898, 44.—Braun, 1892a, 579.—Mont., 1893, 84, 86, 95.
- tereticolle* Leidy, 1904a, 48, 87, for *tereticolle*.
- testudinis* Rud., 1819a, 121 (in *Testudo orbicularis*; C. E. V.).—Braun, 1899, 630.—Dies., 1850a, 325 (syn. of *Monost. delicatulum*).—Duj., 1845a, 451.—Stoss., 1895, 232 (in *Emys orbicularis*; Vienna).
- testudinis midæ* Braun, 1899, 629 (for *mydæ*).
- testudinis mydæ* Rud., 1809a, 433, for *D. intestinalis testudinis mydæ*.—Braun, 1899, 629 (*midæ*).
- tetracystis* Gastaldi, 1854, 4-5, pl. 1, figs. 1-3 (in *Rana esculenta*).—Braun, 1893a, 871.—Cobbold, 1860a, 17.—Dies., 1855, 390; 1858d, 253 (larva=Cerc. *Acanthocephala* microcotyla); 1858e, 348 (stat. juven. in *Pelophylax esculentus*; larva in *Paludina achatina*; *P. vivipara*).—Fil., —, 30, pl. 1, fig. 9.—Linst., 1873, 1 (larva=Cerc. microcotyla Fil.).—Staff., 1900, 405, 410-412.—Stoss., 1889, 68 (in *Rana esculenta*; Torino).—Also reported for *Rana catesbiana*.
- tetracystis ranæ esculentæ* Dies., 1855, 64, footnote 9. See *tetracystis*.
- texanicum* Francis, 1891c, 135-136, pls. 3-8, 5 figs. (in *Bos taurus*; Texas); 1892, 426.—Huber, 1896a, 576 (syn. of *D. magnus*).—Leuck., 1892b, 797, 798 (*texicanum*).—Stiles, 1892e, 148; 1892g, 732-733; 1898a, 51.—Ward, 1895, 253 (syn. of *Fasc. magna*), 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*); 1903, 866 (syn. of *Fasc. magna*).

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- texicanum* Leuck., 1892b, 797, 798 (for *texanicum*).  
*tinxæ* (Modeer, 1790) Rud., 1809a, 366.  
*tobiani* Krøyer, 1846–53a, 592 (in *Ammodytes tobianus*).  
*todari* delle Chiaje, 1841, 139.  
*tomatum* Rud., 1819a, 684–685 (in *Coryphæna equisetis*; *C. hippuris*).—Braun, 1893a, 872.—Buttel-Reepen, 1902, 167, pl. 6, fig. 8.—Cobbold, 1860a, 28 (in *Megalops cyprinoides*); 1879b, 458, 461.—Cohn, 1902k, 47.—Dies., 1850a, 372–373 (syns. *F. caudata*, *F. coryphæna*, *F. coryphæna hippuridis*, *D. coryphæna*); 1859c, 431.—Duj., 1845a, 421–422.—Johnston, 1901, 337.—Lint., 1898c, 513–514, pl. 42, figs. 6–12; 1901, 415, 418, 442, 444, 452, 455, 469, fig. 310 (in *Coryphæna hippurus*, *Fundulus heteroclitus*, *Menidia notata*, *Roccus lineatus*); 1905, 328, 334, 355, 356, 372, 374, 398, 399, figs. 156–158 (in *Coryphæna equisetis*, *C. hippurus*, *Menticirrhus americanus*, *Synodus foetens*, *Tylosurus marinus*).—Looss, 1896b, 125 to (Apoblemal); 1899b, 640.—Mont., 1891, 497.—Stoss., 1886, 12.—Wagener, 1860, 166, 176–178, 181, pl. 9, figs. 1–5 (in *Coryphæna* sp.).  
*torosum* (Setti, 1897) Linst., 1903, 354.  
*torulosum* Rud., 1814a, 104–105 (in *Silurus glanis*); 1819a, 111 (in *S. glanis*: Greifswald, October), 410.—Cobbold, 1860a, 28.—Dies., 1850a, 375.—Duj., 1845a, 464.—Kroyer, 1846–53a, 137 (in *S. gl.*).—Olfers, 1816, 46.—Stoss., 1886, 56.  
*totari* E. Bl., 1847a, 309, for *todari*.  
*trachea* (Montagu, 1811) Rud., 1819a, 114 (in *Phasianus gallus*; *Gryphæ*), 798 (sub *D. lineare*).  
*transversale* (Rud., 1802) Rud., 1809a, 361–362 (in *Cobitis fossilis*); 1819a, 95, 368.—Braun, 1893a, 873.—Cobbold, 1860a, 22 (in *Acanthopsis* (*Cobitis*) *fossilis*, *Cobitis pæmæ*).—Dies., 1850a, 339.—Duj., 1845a, 463–464.—Kroyer, 1846–53a, 563, 573 (in *Cob. fos.*, *Botia tænia*).—Odhn., 1901, 484, 505.—Pavesi, 1881, 616.—Stiles & Hass., 1898a, 95.—Stoss., 1886, 56.  
*trapezium* Leidy, 1891a, 414 (in *Pandion carolinensis*); 1904a, 235.—Stiles & Hass., 1894e, 414.  
*triangulæ* Linst., 1878, 72, for *triangulare*.  
*triangulare* Dies., 1850a, 351 (in *Merops apiaster*) (syn. *D. meropis*).—Braun, 1901, 561, 568; 1902b, 51, 52, 53, 93 (to *Plagiorchis*).—Cobbold, 1860a, 13.—Linst., 1878, 92 (*triangulæ*).—Looss, 1899b, 531, 631, 725 (type of *Megacetes*); 1900, 602 (type of *Eumegacetes*).—Stoss., 1892, 186; 1904, 2.  
*tricolor* Stiles & Hass., 1894h, 160–162, fig. 2; 1895a, 729–737, pls. 1–2, figs. 1–8 (in *Lepus sylvaticus*, *L. americanus*; Maryland); 1895c, 700–701.  
*trifolium* Braun, 1901g, 947 (in *Ardea cocoi*; Brazil); 1902b, 150–151, figs. 92, 93.  
*trigonocephalum* Kampmann, 1894b, 454, 457, misprint for *trigonocephalum*.  
*triglæ* Rud., 1819a, 122 (in *Trigla cuculus*; *C. E. V.*).—Dies., 1850a, 399.  
*triglæ gurnardi* Rathke, 1799, 68, 146, fig. 2a–c (in *Trigla gurnardus*).—Dies., 1850a, 362.—Rud., 1809a, 384 (syn. of *D. soleæforme*).  
*triglæ pini* Dies., 1855, 64; 1858e, 343 (renamed *D. homœostomum*), based on Bellingham, 1844, 428.  
*trigonocephalum* (Rud., 1802) Rud., 1809a, 415–418 (in *Ursus melis*, *Erinaceus europæus*, *Mustela putorius*, *M. vulgaris*) (includes *Plan. putorii*; *P. melis*; *Fasc. putorii*; *F. melis*; *Dist. melis*; *F. armata*; *D. armatum*); 1810a, 376; 1819a, 114.—Baird, 1853a, 55.—Bellingham, 1844a, 425.—Blainv., 1824a, 512 (type of *festucaire*).—Brand., 1891b, 265; 1891d, 16.—Braun, 1891, 100; 1892a, 618, 754, 784, 785, 786, 787, 797; 1893a, 866, 879, 911.—Cobbold, 1879b, 295, 298 (in *Erinaceus europæus*, *Mustela vulgaris*), 299.—Crep., 1837, 310, 311, 317, 326; 1845, 327, 337, 349b.—Dies., 1850a, 381–382 (syns. *D. armatum*; *Fasc. armata*; *F. melis*; *F. putorii*; *Plan. melis*; *P. putorii*); 1858d, 267 (larva=*Histrionella ephemera* Ehrenberg); 1858e, 344 (in *Erinaceus europæus*; *Mustela putorius*).—Duj., 1845a, 423.—Fil., 1855b, 24.—Gamb., 1896, 72.—Giebel, 1857, 265.—Kampmann, 1894b, 454, 457 (*trigonocephalum*).—Kowal., 1896d, (3) 253 (in *Putorius fortidus*; *Dublan*).—Leuck., 1863a, 460, 471.—Linst., 1873, 101, 106 (larva=*Cerc. echinotoides* Fil.) in *Fœtorius putorius*; 1879, 185, pl. 12, fig. 31.—Looss, 1885b, 13, 18, 21, 37, 38, 50, pl. 23, figs. 6, 17; 1894a, 227; 1902m, 804, 805.—Mol., 1858, 129–130;

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- 1859, 825, 846 (in *Erinaceus europæus*; Padua); 1861, 213-216, pl. 3, fig. 2.—Mont., 1888a, 40, 44, 65; 1893, 75, 77.—Nord., 1840, 621 (to Fasc.).—Ölfers, 1816, 46.—Rail., 1893a, 365.—Schuberg, 1895, 178.—Sieb., 1854, 23.—Sons., 1893, —.—Stoss., 1890, 51; 1892, 29-30 (to *Echinost.*).—Wagener, 1857, 24, 42.—Reported for *Canis vulpes*; *Felis catus domesticus*; *Fœtorius luteola*; *F. putorius*; *F. vulgaris*; *Lutra vulgaris*; *Meles europæus*; *Meles taxus*; *Mustela foina*; *Mustela martes*; *M. putorii*; *M. vulgaris*; *Plecotus communis*; *Putorius vulgaris*; *Ursus meles*; *Paludina vivipara*.
- trilobum* Rud., 1819a, 104-105, 392 (in *Pelecanus carbo*; Mus. Vien.).—Dies., 1850a, 310 (to Hemist.).—Duj., 1845a, 449.
- tringæ helveticæ* Rud., 1819a, 120 (in *Tringa helvetica*; C. E. V.).—Dies., 1850a, 386 (syn. of *D. cinctum*).—Duj., 1845a, 447.—Stoss., 1892, 187 (in *Tr. helv.*; Vienna).
- truncatum* Perroncito, 1882, 284, for *D. truncatum* [Erc.].
- truncatum* (Abildg., 1806) Rud., 1814a, 105-106; 1819a, 122 (in *Perca lucioperca*).—Dies., 1850a, 358 (?syn. of *D. tereticolle*).—Kroyer, 1838-40a, 41, 579 ("of Leuck.," in *Lucioperca sandra* Cuv.).—Nord, 1832a, 88.
- truncatum* (Rud., 1819) Rail., 1886, 296-297; 1893a, 364 (syns. *D. conus* Crep., 1825, [not Gurlt, 1831] to (*Brachylaimus*).—Askanazy, 1901, 72.—Braun, 1893c, 349, 350, 352, 353, 354; 1893f, 384, 385, 387, 389, 390, 392, 424, 425, 427 (syns. *D. conus* Crep., *D. campanulatum* Erc.); 1893g, 802, 803 (syn. *D. campanulatum* Erc., 1875); 1894g, 129; 1894i, 606.—de Jong, 1896a, 2, 3, 4, 5, 6, 7, fig. 3; 1897a, 245-246.—Kholodk., 1898, 29.—Looss, 1896b, 97; 1899b, 565 to (*Metorchis*).—Moniez, 1896, 137 to (*Dicrocoelium*), 139 (=conus Crep.), 140, 141.—Mueh., 1898, 15, 24, 25.—Neumann, 1892, 529; 1892, 544.—Pease, 1898, 82.—Perroncito, 1886, 250.—Ratz, 1898, 68; 1900, 141 (in cat.).—Stiles & Hass., 1894e, 421-434, pl. 3, figs. 11-12, to (*Dicrocoelium*) (in *Phoca vitulina*, *Felis catus dom.*, *Canis fam.*, *C. vulpes*, *Halichoerus foetidus*, *Gulo borealis*; Germany, Holland, Italy, France) (syns. *D. conus* Crep.; *D. lanceolatum* of Mehlis, of Dies., 332; *D. campanulatum* Erc.).—Ward, 1895, 243 (in part, syn. of *D. felineum* Riv.), 341 (in *Canis fam.*).—Zwaardemaker, 1890, 197-203, pl. 3.
- truncatum* Erc., 1859a, 382 (in *Canis familiaris*).—Braun, 1893a, 875; 1893e, 349 ("Ercolani 1846"), 351; 1893f, 386, 424 ("Ercolani 1846, in dog; Bologna), 425, syn. of *D. truncatum* (Rud.).—de Jong, 1887a, 57; 1896a, 6, 7, 11, figs. 1a, 1b.—Leuck., 1879, 357.—Perroncito, 1882, 284 (*truncatum*) in dog.—Sons., 1889, 276, 277, 280; 1889, 281 (syn. of *D. conus* Crep.).—Stoss., 1892, 25 (syn. of *D. conus* Crep.).
- truncatum* Leuck., 1842, 34-35, pl. 1, fig. 8a-b (in *Sorex fodiens*).—Braun, 1893a, 876; 1893d, 467; 1901e, 342.—Cobbold, 1860a, 8; 1879b, 296.—Dies., 1850a, 374 (in *Sorex daubentonii*).—Duj., 1845a, 438 (in *S. fodiens*).—Sons., 1889, 276 (in *S. fod.*).—Stoss., 1892, 36-37 (in *Crossopus fodiens*).
- trutta* Dies., 1858e, 356 (in *Salmo trutta*), refers to Moul., 1856, 217.—Braun, 1893a, 871.
- tubarium* Rud., 1819a, 111-112, 410 (in *Sciæna umbra*; Spezia, August).—Carus, 1884, 125.—Cobbold, 1860a, 28.—Dies., 1850a, 375.—Duj., 1845a, 457.—Stoss., 1886, 56 (in *Umbrina vulgaris*).
- tubiporum* Braun, 1900, 388-389 (in *Vespertilio* sp.); 1900, 232-233, pl. 10, figs. 8, 9.
- tubulatum* Rud., 1819a, 675-676 (in *Muræna* sp.; Brazil).—Cobbold, 1860a, 22.—Dies., 1850a, 337.—Duj., 1845a, 468.—Stoss., 1886, 56.
- tumidulum* Rud., 1819a, 95, 369 (in *Syngnathus hippocampus*; Vienna).—Bellingham, 1844a, 423.—Ben., 1870, 89, pl. 5, fig. 5.—Carus, 1884, 129.—Cobbold, 1860a, 22.—Dies., 1850a, 339-340; 1858c, 333 (in *Syngnathus acus*; Ireland).—Duj., 1845a, 469.—Kroyer, 1846-53a, 704 (in *Siphost. acus* L.).—Odhn., 1901, 484, 503.—Pag., 1862, 305.—Stoss., 1886, 56 (in *Hippocampus guttatus*, *Syngnathus acus*).
- turdi* Rud., 1819a, 120 (in *Turdus saxatilis*; C. E. V.).—Dies., 1850a, 361 (syn. of *D. mesostomum*), 391 (syn. of *D. nephrocephalum*).
- turgidum* Brand., 1888, 247-251, pl. 17, figs. 2-3 (in *Rana esculenta*).—Braun, 1892a, 568, 578, 579, 584, 700, 720, 721, 727, 737; 1893a, 877, 881, 893; 1895b, 11; 1900h, 6.—Galli-Valerio, 1898n, 373.—Kowal., 1894, 3.—Looss, 1892, 101; 1894a, 1, 173; 1899b, 623, 775 (type of *Brandesia*).—Mont., 1893, 84, 85.—Mueh., 1898, v. 1 (1), 23, 30, 102-105, 114, fig. 21, 28.

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- tursionis* Marchi, 1873, 304, pl. 5, fig. b (in *Delphinus tursio*).—Carus, 1884, 125.—Linst., 1886, 125.—Par., 1896, 1-3 (syn. of *D. (Dicrocoelium) longissimum* Poir.).—Poir., 1886, 30.—Stoss., 1892, 37 (in *Del. tur.*).
- umbla* (Fabricius, 1780) Zed., 1803a, 212.—Dies., 1850a, 343 (syn. of *D. seriale*) (in *Salmo umbla*; Greenland; kidneys).—Rud., 1809a, 369.
- umbrina* Stoss., 1885, 159, pl. 4, fig. 18 (in *Umbrina cirrrosa*; Trieste); 1886, 26; 1887, 91; 1898, 36-37.—Barbagallo & Drago, 1903, 410 (in *Umbrina cirrrosa*; Catania).—Braun, 1892a, 728, 737.—Lint., 1900, 290.—Luehe, 1900, 487.—Mont., 1893, 94.
- uncinatum* Zed., 1803a, 221 (in *Fulica chloropus*).—Ben., 1858a, 1861a, 85.—Braun, 1891, 101; 1893a, 874.—Crep., 1837, 316.—Dies., 1850a, 384 (syns. *D. chloropodis*, *Fasc. crenata*) (in *Gallinula chloropus*).—Duj., 1845a, 428.—Mueller, 1897, 22-23, pl. 3, fig. 6.—Olfers, 1816, 46.—Rud., 1809a, 420-421 (to *Echinoet.*); 1814a, 102; 1819a, 115, 417-418.—Sieb., 1854, 23.—Stoss., 1892, 172 (syn. of *Echinoet. cinctum*); 1898, 53.—Also reported for *Ascolopax gallinago*.
- unicum* Looss, 1896b, 44-49, pl. 3, figs. 20-24 (in *Trionyx nilotica*; Cairo, Egypt); 1898, 461 (renamed *D. reniferum* Looss); 1899b, 590 (=renifera, type of *Astia*).—Luehe, 1899, 531.
- unicum* Mol., 1859, 835-837, pl. 3, fig. 1 (in *Centrolophus pompilius*; Padua).—Braun, 1893a, 910.—Carus, 1884, 124.—Luehe, 1900, 488, 492.—Stoss., 1886, 17.
- urcatum* Luehe, 1900, 489 (for *D. furcatum*).
- vagens* Leidy, 1850, 304-309, pl. 43, figs. 2-16 (in *Helix alternata*, *H. albolabris*) (*D. helicis* Leidy, 1847, renamed); 1857, 44 (syns. *D. helicis* Leidy; *D. pericardium* Crep.; *Cercariæum helicis alternatæ* Dies.; *C. vagens* Dies.).—Ben., 1858a, 1861a, 175, 186, 205.—Dies., 1855a, 398, (to *Cercariæum*); 1858d, 278 (to *Cercariæum*).—Fraip., 1880c, 417.—Mont., 1888a, 40.
- valdeinflatum* Stoss., 1883, 114, pl. 1, fig. 4 (in *Gobius jozo*; Trieste); 1886, 35.—Braun, 1893a, 871.—Carus, 1884, 127.—Lint., 1898c, 527-528, pl. 47, figs. 10-14, pl. 48, figs. 1-2; 1901, 416 (in *Alutera schœpfii*, *Menidia notata*, *Spheroides maculatus*), 421, 444, 464; 1905, 328, 334, 359, 366, 372, 379, 386, 393, 396, 400, 401, 409, 414 (in *Cynoscion nebulosus*, *Leiostomus xanthurus*, *Menticirrhus americanus*, *Micropogon undulatus*, *Monacanthus hispidus*, *Opsanus tau*, *Orthopristis chrysopterus*, *Paralichthys albiguttus*, *Rachycentron canadus*, *Siphostoma fuscum*; *Trachinotus carolinus*).—Linst., 1903, 354 (syn. of *D. cesticillus* Mol.).—Looss, 1894a, 252 (syn. of *Echinoet. cesticillus*); 1899b, 697 (young of *Stephanost. cesticillus*).—Mont., 1891, 121; 1893, 61, 158, 160, 161.—Nicoll, 1907, 69 (*valdeinflatum*).
- valdeinflatum* Nicoll, 1907, 69 (for *valdeinflatum*).
- validum* Linst., 1886, 124-128, figs. 23-27 (in *Delphinus* sp.; South Atlantic); 1889a.—Braun, 1892a, 591, 603; 1893a, 873.—Buttel-Reepen, 1902, 169, 171, 172, pl. 6, fig. 24.—Stoss., 1892, 15-16 (in *Delphinus* sp.; Atlantic).
- vallei* Stoss., 1896, 129, fig. 2 (in *Falco subbuteo*); 1898, 33.—Looss, 1902m, 746.
- variabile* Leidy, 1856, 44 (in *Tropidonotus sipedon*).—Braun, 1893a, 876.—Dies., 1858e, 352-353.—Luehe, 1900, 559-561.—Pratt, 1903, 31.—Stoss., 1895, 232-233 (in *Trop. sip.*; Philadelphia).—Volz, 1899, 234, 235.—West, 1896, 323.
- varica* Zed., of Ben., 1870, 69, see *varicum*.
- varicum* (Mueller, 1784) Zed., 1803a, 217.—Bellingham, 1844a, 424.—Ben., 1870, 25.—Braun, 1892a, 643, 735.—Cobbold, 1860a, 24.—Dies., 1850a, 368; 1858e, 342 (in *Salmo salar*).—Duj., 1845a, 465.—Hausmann, 1897b, 4, 6, 20, 22 (in *Trutta salar*).—Juel, 1889, 34.—Kroyer, 1843-45a, 581; 1846-53a, 54 (in *Salmo salar* L., *Thymallus vulgaris* Cuv.).—Levin., 1881, 5; 1881a, 54-56, 58, 61, 69, pl. 2, figs. 1-2 (in *Cottus scorpius*, *Gadus ovak*; immature forms in *Harmothoe imbricata*, *Cottus scorpius*).—Looss, 1896b, 136; 1899b, 639 (to *Hemimurus*; 1901, 438.—Luehe, 1901, 479.—M'Intosh, 1864, 149-150 (of Rud.) (in *Salmo salar*).—Mont., 1890, 424; 1891, 513; 1893, 43, 61, 85, 88, 95, 106, 107, 180, 182, 183, 184.—Mueller, 1788, 43.—Nord., 1840, 620 (to *Fasc.*).—Olfers, 1816, 46.—Olss., 1868, 40; 1876, 17.—Rud., 1809a, 396-397; 1810a, 376; 1819a, 106.—Stoss., 1886, 22; 1902, 582.—Reported for *Anguilla vulgaris*; *Conger conger*; *C. vulgaris*; *Coregonus wartmanni*; *C. oxyrrhynchus*; *Gadus euxinus*; *G. minutus*; *Hippoglossus maximus*; *Labrus maculatus*; *Lota molva*; *Merlangus vulgaris*; *Molva abyssorum*; *M. vulgaris*.

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- variegatum* Rud., 1819a, 99, 378-379 (in *Rana esculenta*; Berlin, October).—Baird, 1853a, 53.—Ben., 1870c, 141.—E. Bl., 1847, to *Brachylemus*.—Braun, 1897a, 1459; 1892a, 784 (*varigatum*); 1893a, 876, 881, 911.—Cobbold, 1860a, 17.—Crep., 1829, 58-59; 1837, 310, 322, 326; 1839, 288.—Darr, 1902, 654.—Dies., 1850a, 354-355 (to *Brachylemus*); 1858e, 339 (in *Rana pipiens*, *Pelophylax esculentus*).—Duj., 1845a, 416-417.—Gronkowski, 1902a, 511, 515, 518-519, 531-532 (4, 8, 11-12, 24-25), pl. 13, figs. 3, 11, 12.—Hausmann, 1897b, 27.—Kamensky, 1900a, 8.—Leuck., 1863a, 490.—Leidy, 1851, 207, 242; 1856, 44.—Linst., 1883, 309; 1886, 34; 1887, 97.—Looss, 1892, 65, 93 (*varigatum*); 1893b, 812, 815, 818, 819, fig. 3; 1894a, 2, 3, 65, 68, 71-82, 113, 114, 115, 116, 118, 119, 120, 121, 125, 127, 135, 136, 146, 150, 159, 163, 167, 173, 175, 179, 182, 190, 193, 199, 204, 208, 209, 210, 212, 214, 215, 217, 221, 224, 226, 227, 230, 242, 256, 266, 268, pl. 2, figs. 43-48, pl. 7, figs. 134-146 (syns. *D. cylindricum*, *D. cylindraceum*, *Monost. bombynae*, *M. ellipticum*) (in *Rana esculenta*, *Bombinator igneus*; *Bufo cinereus*); 1896b, 19; 1899b, 556, 661 (type of *Hæmatolæchus*), 602, 603; 1901, 192; 1902m, 732 (type of *Pneumonæces*), 810.—Luehe, 1899, 533; 1901, 58.—Mehlis, 1831, 177-179.—Mol., 1859, 828-829, pl. 3, fig. 2 (syn. *Brachylemus v.*) (in *Pelophylax esculentus*; Europe).—Mont., 1892, 715.—Mueh., 1898, 26.—Pag., 1857, 41-42, pl. 5, fig. 2 (in green frog).—Poir., 1885, 102.—Sons., 1893, 185, 188, 189 (in *Rana esculenta*).—Staff., 1900, 405, 409; 1902, 482 (in Canadian frogs and toads); 1902, 24 Nov., 895, 904 (American representatives); 1903, 15 Dec., 901; 1905, July, 50-51.—Stiles & Hass., 1898a, 84; 1902d, 20.—Stoss., 1889, 62; 1896, 128; 1898, 35.—Wagener, 1857, 25, 102, pl. 21, figs. 1-2.—Wright, 1879, 8.—Also reported for *Bufo vulgaris*, *Rana halcina*, *R. temporaria*, *Triton alpestris*.
- varigatum* Looss, 1892, 93, for *variegatum*.—Braun, 1892a, 784.
- [*variolosus* Gærtner in Pallas (a tunicate)].—Lamarck, 1816, 101.
- varium* Eysenhardt, 1829, 148-151 (in *Gadus merluccius*).—Dies., 1850a, 342 (syn. of *D. caudiporum*), 371 (syn. of *D. appendiculatum*), 372 (syn. of *D. grandiporum* and of *D. rufoviride*).—Mol., 1859, 826 (syn. of *D. grandiporum*).—Mont., 1891, 498.—Wagener, 1860, 166.
- velella* Filippi (1843), 66, pl. 5, fig. 12 (in *Velella spirans*; Naples).—Dies., 1850a, 379, 659 (renamed *D. megacotyle*).—Kœlliker, 1849, 53.—Mont., 1888, 198, 199; 1893, 123.
- veliporum* Johnston, 1902, 329, for *veliporum*.
- veliporum* Crep., 1837a, 310 (in *Squalus griseus*), 318.—Ariola, 1899, 7, 9 (syns. *D. insigne* Dies., *D. microcephalum* Baird, *D. scymni* Risso).—Braun, 1892a, 567, 586, 624, 625, 647, 682, 686, 690, 735; 1893a, 873, 879, 910; 1893d, 466.—Carus, 1884, 129.—Cobbold, 1860a, 25 (in *Prionodon milberti*, *Hexanchus griseus*).—Darr, 1902, 666, 667, 669, 683.—Dies., 1850a, 347 (syn. *Fasc. squalei grisei*) (in *Prionodon milberti*; *Hexanchus griseus*; *Panormi*).—Duj., 1845a, 471 (in *Squalus griseus*).—Jægers., 1900, 72, 73, 74; 1900, 736.—Johnston, 1902, 329 (*veliporum*).—Kerbert, 1881a, 541.—Linst., 1903, 279, 354.—Linst., 1898, 521-522; 1901, 416 (in *Raja lævis*), 421, 431.—Lönnberg, 1891, 71; (1898), 4.—Looss, 1894a, 152, 211; 1899b, 570 (thinks this form may belong to *Azygia*).—Mont., 1888a, 7; 1889, 69; 1889, 70 (in *Raja* sp.; *Porto Huite*, Chile); 1889, 321; 1892, 5, 6, 7; 1893, 9; 1893, 33, 34, 36, 43, 52, 82, 102, 107, 113, 120, 122, 147, 191, pl. 1, fig. 6, pl. 8, figs. 122-131.—Ofenheim, 1900, 164.—Olss., 1868, 22; 1876, 13; 1896, 508 (includes *D. insigne*, *D. microcephalum*).—Poir., 1885, 22, 37, 42, 44, 48, 49, 53, 74, 82, 106, 127, 142.—Stoss., 1886, 19; 1890, 51; 1901, (9) 97, pl. 6, fig. 1 (in *Notidanus griseus*; *Triest*); 1904, 198, 199.—Villot, 1878, 2 (in *Hexanchus griseus*, *Prionodon milberti*).—Wagener, 1852, 543; 1857, 28; 1860, 174.—Reported for *Acanthias vulgaris*, *Carcharias milbertii*, *Centrolophus pompilus*, *Chimæra monstrosa*, *Echinorhynchus spinosus*, *Heptanchus cinereus*, *Hexanchus griseus*, *Raja batis*, *R. clavata*, *R. fullonica*, *R. lævis*, *R. lineata*, *R. radiata*.
- ventricosa* Ben., 1871a, 68, pl. 4, fig. 11.—Braun, 1891d, 423.—Mont., 1891, 510 (syn. of *Apoblemma ocreatum* Rud.).
- ventricosum* (Pallas, 1774) Mont., 1893, 26, 27.—Braun, 1893b, 184.—Stoss., 1900, 8.—Reported for *Pimelepterus* sp.
- ventricosum* Rud., 1819a, 108, 398 (in *Clupea alosa*; Arimini, April).—Ben., 1858a, 1861a, 179, 193; 1870, 68.—Bl., 1891, 468-478, fig. 36.—Buttel-Reepen, 1902, 166, 167, 168, pl. 6, figs. 19-22.—Carus, 1884, 125.—Cobbold, 1860a, 27.—Darr, 1902, 666.—Dies., 1850a, 369 (in *Alosa vulgaris*; Arimini).—Duj., 1845a,



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- 465.—Hausmann, 1897a, 4, 6, 20, 23 (in *Al. vulg.*).—Jackson, 1888, 647.—Kroyer, 1846–53a, 218 (in *Alosa finta* Cuv.).—Lander, 1904a, 1.—Mont., 1887, 87; 1891, 12 (syn. of *Apoblema appendiculatum*), 16, 17 (p. p. syn. of *Apoblema ocreatum* (Rud.) Mont.); 1891, 496, 497, 498, 499, 500, 501, 502.—Nicoll, 1906, 525 (in *Gasterosteus aculeatus*).—Sons., 1890, 12–13; 1891, 259 (syn. of *D. ocreatum* Mol.) (in *Alosa sardina*).—Stoss., 1886, 11; 1887, 90; 1898, 29; 1902, 582.—Wagener, 1860, 166–172, 173, 175, 179, pl. 8, figs. 1–7 (in *Clupeiden*).—Also reported for *Anguilla vulgaris*, *Clupea* sp., *C. sprattus*, *Motella communis*, *M. mustela*.
- ventricosum* Stoss., 1898, 29 (syn. of *Apoblema ocreatum* Rud.).
- ventricosum* Rud. of Wagener, 1860, 166–172, 173, 175, 179, pl. 8, figs. 1–7 (in *Clupeidae*).—Braun, 1891d, 423.—Levin., 1881a, 59 (syn. of *D. appendiculatum* Rud., Mol.).—Luehe, 1901, 396, 397, 399.—Mont., 1891, 499, 501, 502, 505 (syn. of *Apoblema appendiculatum* Rud.).
- ventricosum minor* Shipley, 1900, 540 (in *Pimelepterus* sp.; New Britain).
- vereticolle lucii* Rud., 1809a, 440 (misprint for *D. tereticolle lucii*).
- verrucosum* Busch, 1851, 100, pl. 15, fig. 11 (in *Ophidium barbatum*).—Braun, 1893a, 873.—Carus, 1884, 128.—Mont., 1893, 27, 94, 102.—Stoss., 1886, 19 (in *Oph. barb.*).
- verrucosum* Lint., 1892, 96–97, pl. 6, figs. 33–35 (in *Larus californicus*).
- verrucosum* Mol., 1859, 842–844 (in *Labrax lupus*; Rhedoni, Padua) (includes *D. labracis* Duj., 1845a, 398).—Braun, 1892a, 579, 642, 720, 728, 737.—Lander, 1904a, 8.—Odhn., 1901, 513, 514.—Par., 1899, 5; 1902, 4 (syn. of *Dicrocoelium labracis*).—Stoss., 1886, 31; 1886, 48 (in *Labrax lupus*; Triest); 1898, 46.
- verrucosum* Poir., 1885, 10–11, 16, 29, 60, 74, 79, 81, pl. 23, fig. 4 (in *Thynnus*).—Braun, 1892a, 576, 608, 609, 873; 1893d, 466.—Jägers., 1900b, 72.—Lander, 1904a, 8.
- verrucosum* Frœlich.—Wolffhüegel, 1900, 136 (for *Monost. ver.*?).
- vespertilionis* (Mueller, 1784) Zed., 1803a, 214.—Dies., 1850a, 387 (syn. of *D. lima*).—Kolenati, 1857, 12.—Rud., 1809a, 427 (syn. of *D. lima*).—Stoss., 1904, 2.
- vexans* Braun, 1901, 947 (in *Turdus merula*); 1902b, 151–152, figs. 94–95.
- vibex* Lint., 1900a, 269, 281, 291–292, pl. 38, figs. 48–51 (in *Spheroides maculatus*); 1901b, 416 (in *Sph. mac.*; Woods Hole, Mass.), 419, 464; 1905d, 328, 334, 402, fig. 188.
- viperæ* Linst., 1877, 186 (in *Pelias berus*).—Braun, 1893a, 870.
- virgula* Fil., 1837a, 338, fig. 5 (in *Paludina impura*, *Valvata piscinalis*; Ticini); 1855b, 5.—Dies., 1850a, 296 (to *Cerc.*).—Moul., 1856a, 161 (to *Cerc.*).
- vitellatum* Linst., 1875, 189–190 (in *Totanus hypoleucos*); 1887, 104.—Braun, 1902b, 50 (to *Plagiorchis*).—Stoss., 1892, 154 (in *Actites hypoleucos*; Ratzeburg); 1892, 12, to (*Brachylaimus*); 1904, 2 (*vitellatus*).
- vitellilobum* Olss., 1876, 14 (in *Rana temporaria*).—Braun, 1893a, 873, 881; 1893d, 466.—Linst., 1887, 97, 98, 102.—Loos, 1894a, 56, 57, 62, 82; 1899b, 606–607 (whether a good species or only a variety of *Gorgoderia cygnoides* can not be determined from Olsson's description); 1902m, 851 (perhaps a *Gorgoderina*), 857 (to *Gorgoderina* as possible).—Sons., 1893, 187 (in *Rana esculenta*).—Stoss., 1889, 67.
- vitellosus* Lint., 1900a, 269, 282, 290, pl. 37, figs. 38–39 (in *Merluccius bilinearis*; Woods Hole, Mass.); 1901b, 16, 420, 435, 436, 437, 439, 440, 445, 446, 449, 451; 458, 460, 462, 464, 471, 474, 481, 482, 483, 485, 486, figs. 333–340; 1905d, 329, 335, 348, 351, 357, 366, 369, 378, 382, 385, 388, 390, 393, 396, 397, 399, 401, 404, 405, 409, 413, figs. 176–178.—Johnstone, 1907, 182–185, fig. 15 (in *Pleuronectes flesus*; Piel).—Reported for *Anguilla chrysypa*, *Bairdiella chrysura*, *Brevoortia tyrannus*, *Clupea harengus*, *Cynoscion regalis*, *Dasyatis centrura*, *Decapterus macarellus*, *Lagodon rhomboides*, *Leiostomus xanthurus*, *Leptocephalus conger*, *Limanda ferruginea*, *Menticirrhus americanus*, *M. saxatilis*, *Merluccius bilinearis*, *Micropogon undulatus*, *Monacanthus hispidus*, *Opsanus tau*, *Orthopristis chrysopterus*, *Paralichthys albiguttus*, *P. dentatus*, *Pomatomus saltatrix*, *Pomolobus pseudoharengus*, *Pseudopleuronectes americanus*, *Prionotus scitulus*, *P. tribulus*, *Sciaenops ocellatus*, *Sarda sarda*, *Scomber scombrus*, *Spheroides maculatus*, *Stenotomus chrysops*, *Tautoglabrus adspersus*, *Trachinotus carolinus*, *Tylosurus marinus*).

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[*vitreum* Sars (a tunicate).]

*vitrinæ* Targioni Tozzetti, 1873, 335–336 (in vitrine).

*vitta* Duj., 1845a, 418 (in *Mus sylvaticus*; Rennes) to (*Brachylaimus*).—Braun, 1901e, 340.—Cobbold, 1879b, 316.—Dies., 1850a, 396.—Stoss., 1892, 13 (in *Mus sylv.*; Rennes).

*viverrini* Poir., 1886, 27–29, pl. 3, figs. 1–3 (in liver of *Felis viverrinus*).—Braun, 1892a, 699; 1893a, 875; 1893f, 425; 1893, 350, 352, 353.—Looss, 1899b, 675.—Mont., 1888a, 58; 1893, 43, 83, 86, 95, 102, 105, 106, 107.—Stiles & Hass., 1894c, 427–428 to (*Dicrocoelium*).—Stoss., 1892, 24.

*vivipara* Ben., 1870, 1871a, 28, pl. 3, figs. 3–4 (in *Mugil chelo*; Belgium).—Braun, 1891d, 424 (in *Mugil cephalus*); 1892a, 784.—Hahn & Lefèvre, 1884a, 516 (*viviparum*).—Looss, 1902, 129, 137.—Sons., 1891, 253, 254–255 (in *Mugil cephalus*).—Stoss., 1898, 51 (in *Mugil chelo*; Trieste).

*viviparæ fasciatæ* Linst., 1877b, 186 (in *Vivipara fasciata*); 1878a, 322.

*viviparum* Ols., 1868, 28–29, pl. 4, figs. 73–75 (in *Pleuronectes microcephalus*; Scandinavia).—Braun, 1892a, 785, 786; 1893a, 873.—Looss, 1901, 439, 442.—Mont., 1893, 82.—Nicoll, 1907, 82.—Odhn., 1902, 59, 61.—Sons., 1891, 255 (in *Pleuronectes microcephalus*).—Stoss., 1886, 38.

*volvans* Nord., 1833, 321, pl. 19, for *Diplost. volvans*.

*vulpina* Abildg., 1790, 63–64, pl. 5, figs. 6 a–c (syn. *Alaria*).—Baird, 1853a, 46.—Brand., 1888a, 60 (syn. of *Hemist. alatum*).—Dies., 1850a, 308 (syn. of *Hemist. alatum*).—Nitzsch, 1819, 399 (syn. of *Holost. alatum*).—Rud., 1809a, 403.

*wachniæ* Rud., 1819a, 122, 427, based on *Tilesius*, 1810, 363, 374, pl. 19, figs. 8–10 (in *Gadus wachnia*).—Cobbold, 1858b, 157 (= *D. simplex*, *D. fulvum*).—Dies., 1850a, 398 (in *Gadus wachnia*).—Rud., 1819a, 122, 427.

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DYSTOMA Bojanus, 1817b, pl. ix (for Distoma).

*amphistomoides* Bojanus, 1817b, 270–277, pl. 9, figs. 1–6 (in Castor fiber).

*hepaticum* (Linn., 1758) Most, 1836, v. 1, 581, see sub Distoma.

*krohnii* Kœlliker, 1849d, 65 (in cephalopod), see sub Distoma.

ECHINATA (Echinostoma) Rud., 1809a, 415 [the term Echinata is probably not used in a nomenclatural sense].

ECHINELLA Ben. & Hesse, 1864, 93–94 (not Achar., 1803, poly.; not Swains., 1840, mollusk) (m. hirundinis).—Braun, 1890a, 408, 410, 446, 511, 516, 517, 523, 531, 532; 1893a, 890.—Gamb., 1896a, 73.—Mont., 1888a, 86, 88, 98; 1891, 111; 1903, 336 (subf. Udonellinæ).—Pratt, 1900a, 646, 649 (key), 655, fig. 13.

*hirundinis* Mont., 1888a, 10 (for hirundinis).

*hirundinis* Ben. & Hesse, 1864, 94, pl. 8, figs. 17–19 (in Trigla hirundo).—Braun, 1890a, 418, 532, 548, 550, 552.—Mont., 1888a, 10 (hirundinis).—Pratt, 1900a, 655, fig. 13, 657.—Tasch., 1878, 573 (to Udonella).

- ECHINOSTOMA**<sup>a</sup> Rud., 1809a, 37-38, 415 [tld. *echinatum*].—Baird, 1853a, 55.—Blainv., 1828a, 587-588.—R. Bl., 1891, 609.—Brand., 1892b, 506.—Braun, 1892a, 567, 568, 578, 584, 699, 708, 772, 815; 1893a, 821, 884, 885, 890, 909, 911; 1895b, 121, 138; 1900h, 3; 1901b, 29, 33, 34; 1901e, 315, 328; 1901, 562; 1902b, 26, 117.—Cobbald, 1858b, 162; 1860a, 32; 1864b, 32; 1879b, 461-462.—Dies., 1850a; 1855c; 1858e; 1859c.—Duj., 1845a, 423.—Fil., 1855b, 25; 1857c, 28.—Fuhrmann, 1904, 62.—(Goetze, 1782a).—Hoyle, 1890, 539.—Jackson, 1888, 643, 654.—Kowal., 1897c, 554-565, figs. 1-8 (in chickens and ducks); 1897d, 554-565, figs. 1-8; 1897e, 407-408; 1898e, 412; 1898h, 107.—Kamensky, 1900a, 3.—Leuck., 1863, 456.—Looss, 1894a, 172, 249, 251; 1896b, 120, 138, 142; 1899b, 527, 534, 535, 538, 542, 551, 571, 572, 573, 574-575, 576, 578, 579, 582, 625, 696; 1900d, 603; 1901b, 194, 199, 200, 201, 209; 1901e, 628, 655.—1902m, 455, 457, 781, 786, 804, 816, 817, 830.—Luehe, 1899k, 532; 1900u, 489; 1900aa, 563.—Mont., 1888a, 12, 14, 24, 92, 105; 1892, Oct. 7, 214 (gen. of Distominae); 1892, 704; 1893, 150, 152, 153, 154, 158, 161.—Moul., 1856a, 15.—Odh., 1902, 20, 21, 38.—Pratt, 1902a, 888, 895.—Rail., 1900, 242.—Rud., 1809a, 37-38, 415; 1814a; 1819a.—Stiles, 1901, 197.—Stiles & Hass., 1894; 1898a, 87 (type *echinatum*), 88, 96.—Stoss., 1892, 4, 5, 28; 1898, 52; 1899, in 11-16.
- acanthocephalum* (Stoss., 1887) Stoss., 1898, 57 (in *Belone acus*; Trieste); 1899, 1, 6 (to Tergestia).
- acanthoides* (Rud., 1819) Cobbald, 1860a, 33.—Braun, 1901e, 315.—Duj., 1845a, 424 (in *Phoca vitulina*; Berlin).—Looss, 1899, 581.—Stoss., 1892, 29 (in Ph. vit.; Baltic); 1899, 14.
- africanum* Stiles, 1901k, 594 (*E. bursicola* Looss, renamed).
- anceps* (Mol., 1859) Stoss., 1892, 168 (in *Fulica atra*; Padova); 1899, 13.—Looss, 1899b, 581.
- annulatum* (Dies., 1850) Cobbald, 1860a, 36 (in *Gymnotus electricus*; Brazil).—Looss, 1899, 581.—Stoss., 1899, 14.
- apiculatum* (Rud., 1803) Cobbald, 1860a, 35.—Looss, 1899b, 581, 696.—Stoss., 1892, 173 (in *Strix flammea* L., Greifswald; *Syrnium aluco* L., Vienna); 1899, 14
- armatum* Fuhrmann, 1904, 61-63, fig. 3 (in *Rostrhamus sociabilis*).
- asperum* (Wright, 1870) Stoss., 1892, 164 (in *Botaurus minor*; North America); 1899, 13.—Looss, 1899b, 581, 695, 696; 1902m, 817.—Odh., 1902, 38.
- baculus* (Dies., 1850) Cobbald, 1860a, 36 (in *Mergus albellus*); 1860, 31.—Looss, 1899b, 581, 693.—Nicoll, 1906, 154.—Stoss., 1892, 163 (in *Mer. alb.*; Ratzeburg); 1899, 14.
- belecephalum* (Linst., 1873) Stoss., 1892, 169 (in *Ardea cinerea* L.; Ratzeburg); 1899, 14.—Looss, 1899, 581, 687, 695.
- bicoronatum* (Stoss., 1883) Par., 1902, 5 (in *Corvina nigra*, *Umbrina cirrhosa*; Portoferraio).
- bilobum* (Rud., 1819) Cobbald, 1860a, 35.—Looss, 1899, 572, 581, 684-685, 687, fig. 8; 1901b, 201, 209 (with *E. ramosum* probably represents a subg. of *Echinost.*).—Odh., 1902, 38.—Stoss., 1892, 171-172 (in *Fulica atra*, *Plegadis falcinellus*; Padova and Vienna; *Platalea leucorodia*; Venice); 1899, 13.
- bursicola* Looss, 1899b, 694-696, figs. 19-20 (in *Milvus parasiticus* at Adeleninsel, Heluan, Apr.; *Falco tinnunculus* at Dachschur, Jan.).—Braun, 1901, 18; 1902b, 74.—Stiles, 1901s, 593-594 (renamed *africanum*); 1902cc, 360.
- cesticillus* (Mol., 1858) Mont., 1893, 158-161, pl. 5, figs. 56-60, pl. 6, fig. 68.—Barbagallo & Drago, 1903, 11 (in *Seriola dumerili*, *Torpedo ocellata*, *Umbrina cirrhosa*; Catania).—Looss, 1894a, 252 (*Dist. valdeinflatum* as syn.); 1899b, type of *Stephanost.*—Stoss., 1898, 54 (in *Zeus faber*, *Lophius piscatorius*, *Corvina nigra*, *Umbrina cirrhosa*; Trieste).
- cinctum* (Rud., 1803) Cobbald, 1860a, 35 (in *Vanellus cristatus*, *V. melanogaster*).—Looss, 1899b, 580, 683, 687.—MacCallum, 1904, 547.—Stoss., 1892, 172-173 (in *Vanellus cristatus*, *V. melanogaster*, *Gallinula chloropus*; Rosstock); 1896, 126; 1897, 10; 1898, 53; 1899, 12.
- cloacinum* Braun, 1901d, 259 (*D. bursicola* Crep., renamed) (in *Ardea cinerea*); 1902b, 74 (*Dist. bursicola* Crep., as syn.).—MacCallum, 1904, 547.—Stiles, 1901k, 593-594 (nomenclature); 1902cc, 360.

<sup>a</sup> Rud. originally proposed *Echinostoma* as a genus, but in the same work he used it in such a way that we must also interpret it as a subgenus. For the original species see *D. (Echinostoma)*.

## ECHINOSTOMA—Continued.

- columba livia* Mueller, 1897, 26, pl. 3, fig. 7 (in *Columba livia*).
- conoideum* (Bloch, 1782) Kowal., 1896, 5; 1897c, 554-565; 1897e, 407-408; 1898h, 111; 1902d, 27 (in *Anas boschas* dom.; Dublany); 1904, 24 (in *Anas boschas* dom.; Dublany).—Galli-Valerio, 1898m, 923.—Looss, 1899b, 581.—Rail., 1898, 412.—Stoss., 1899, 13 (in *Anas boschas*).
- coronatum* (Rud., 1819) Stoss., 1892, 30-31 (in *Didelphys virginiana*; Brazil); 1892, 37; 1899, 14.—Braun, 1901e, 319, 320 (to *Rhopalias*).—Looss, 1899b, 581.
- coronatum* (Wagener, 1852) Stoss., 1898, 56-57 (in *Corvina nigra*; Triest).—Type of *Anoiktost.* 1899.
- cristatum* (Rud., 1819) Cobbold, 1860a, 37 (in *Stromateus fiatola*).
- croaticum* (Stoss., 1889) Stoss., 1892, 165-166 (in *Carbo graculus*; Fiume); 1899, 12.—Looss, 1899b, 580.—Par., 1902, 1, 4 (in *Phalacrocorax graculus*; Caproja).
- crocodili* (Poir., 1886) Stoss., 1895, 227-228 (in *Crocodylus siamense*); 1899, 12.—Looss, 1899b, 575, 580.—Odh., 1902, 20.
- denticulatum* (Rud., 1802) Cobbold, 1860a, 36.—Looss, 1899, 581.—Stoss., 1892, 170-171 (in *Sterna cantiaeca*, Vienna; *S. hirundo*, Greifswald; *Hydrochelidon nigra*, *Anas sponsa*); 1899, 14.
- dilatatum* (Fischer, 1840) Cobbold, 1860a, 35 (in *Phasianus gallus*).—Hass., 1896a, 3 (syn. of *Echinost. echinatum* (Zed.)).—MacCallum, 1904, 547.—Stoss., 1892, 167.
- dujardini* MacCallum, 1904, 547, for *dujardinii*.
- dujardinii* Cobbold, 1860a, 37 (in *Pleuronectes maximus*, *P. platessa*); see *Dist. hystrix* Duj.
- echinatum* (Zed., 1803) Blainv., 1828a, 588.—Baird, 1853a, 55.—Braun, 1906, 142 (in ducks and geese).—Cobbold, 1860a, 33.—Galli-Valerio, 1898m, 923.—Hass., 1896a, 3 (syns., *D. ech.*, *D. oxycephalum*, *D. dilatatum*, *D. armatum*, *Echinost. dilatatum*) (in *Gallus* dom.).—Kowal., 1894, 221; 1896, 257 (in *Corvus cornix*, *Anas crecca*); 1898g, 70; 1898h, 111, 113, 115, 116, 117, fig. 27; 1902d, 27 (in *Anas boschas* dom.; Dublany); 1904, 24 (in *Anas boschas* dom.; *Gallus* dom.; Dublany).—Linst., 1893, 333 (larva in *Bythinia ventricosa*, *Physa fontinalis*, *Valvata macrostoma*, *Limnæa palustris*).—Looss, 1899b, 575, 580, 679-684, 687, 693, figs. 5, 7, 10; 1901b 201, 209; 1902m, 823.—Luehe, 1898, 625; 1901, 175.—MacCallum, 1904, 547, 548.—Mueh., 1898, 21; 1898, 71 (in *Edemia fusca*, *Colymbus arcticus*, *Ciconia alba*, *Buteo vulgaris*).—Nicoll, 1906, 154.—Nord., 1840, 621 (syn. of *Fasc. trigonocephala*).—Rail., 1898, 412.—Sons., 1897, 252.—Stiles & Hass., 1898a, 88.—Stoss., 1892, 167 (syns. *Dist. anatis fuscæ*, *D. armatum*, *D. dilatatum*, *D. ech.*, *D. fuligula ferina*, *D. oxycephalum*, *D. radiatum*, *Ech. dilatatum*, *Fasc. anatis*); 1896, 127; 1898, 52; 1899, 12.—Wolffhuegel, 1900, 9, 57, 58, 59, 60, 61.—Reported for *Anas anser*, *A. boschas*, *A. clangula*, *A. clypeata*, *A. cygnus*, *A. ferina*, *A. fuligula*, *A. marila*, *A. moschata*, *A. nyroca*, *A. olor*, *A. penelope*, *A. strepera*, *A. tadorna*, *Anser albifrons*, *Archibuteo vulgaris*, *Ardea comata*, *A. gardeni*, *A. grus*, *A. nycticorax*, *A. pavonia*, *Balearica pavonia*, *Bucephala clangula*, *Carbo cormoranus*, *C. pygmaeus*, *Canis familiaris*, *Chauliastur streperus*, *Ciconia alba*, *C. nigra*, *Colymbus arcticus*, *Coracias garrula*, *Fuligula cristata*, *Grus cinerea*, *Machetes pugnax*, *Mareca penelope*, *Pernis apivorus*, *Podiceps cristatus*, *P. minor*. Larva in: *Lymnaeus stagnalis*, *Paludina vivipara*, *P. achatina*, *Planorbis corneus*.
- echiniferum* (La Valette, 1855) Stoss., 1892, 171 (in *Scolopax gallinago*, *Mergus merganser*, *Anas boschas*, *Podiceps minor*); 1899, 14.—Looss., 1899, 581.—Wolffhuegel, 1900, 9, 56.
- echinocephalum* (Rud., 1819) Cobbold, 1860a, 34-35 (in *Falco milvus*).—Looss, 1899b, 581, 687, 696.—Stoss., 1892, 173-174 (in *Milvus regalis*); 1899, 14.
- elegans* Looss, 1899b, 692-693, fig. 18 (in *Phænicopterus roseus*; Ghizeh).
- curyporum* Looss, 1896b, 144-146, pl. 9, fig. 93 (in *Milvus parasiticus*; Cairo; also in *Ardea cinerea*); 1899b, 580, 686-687, 690, 696, fig. 16, 17.—Fuhrmann, 1904, 62.—Stoss., 1899, 12.
- fallax* (Rud., 1819) Cobbold, 1860a, 37.—Looss, 1902m, 823.—Stoss., 1898, 56 (in *Uranoscopus scaber*; Triest).
- ferox* (Rud., 1795) Blainv., 1828a, 588.—Cobbold, 1860a, 35.—Kowal., 1902d, 28.—Looss, 1899, 581, 687; 1902m, 817.—Luehe, 1905, 176.—Mueh., 1898,



## ECHINOSTOMA—Continued.

- 21, 23, 102–105, fig. 14.—Nord., 1840, 622 (as syn. of *Fasc. trigonocephala*).—Odhn., 1902, 38 (represents a new [unnamed] genus).—Stiles & Hass., 1898a, 88.—Stoss., 1892, 164–165 (in *Botaurus stellaris*, *Ciconia alba*, *C. nigra*: Padova, Vienna, Greifswald, Rennes); 1899, 13.
- flexum* (Lint., 1892) Stoss., 1899, 13 (in *Edemia americana*).—Looss, 1899b, 581.
- fralichii* (Kowal., 1894) Kowal., 1894, 222; 1898h, 111, syn. of *E. conoideum* (Bloch).—Stoss, 1899, 13 (in *Anas boschas*).
- gadorum* Ben., 1870, 60 (in *Merlangus carbonarius*; Belgian coast).—Hoyle, 1890, 539.—MacCallum, 1904a, 547.
- garzettæ* MacCallum, 1904a, 541–548, 1 fig. (in *Garzetta nigripes* Temm.; Benakat); 1904, Oct., 532.
- hispida* of Ben., 1870, pl. 4, fig. 13.—Odhn., 1902, 157 (syn. of *Deropristis inflata*).
- hispidum* (Abildg., 1819) Cobbold, 1858b, 171, figs. 47–50; 1879b, 462, fig. 77 (in sturgeon).—Ben., 1870, 23, pl. 4, figs. 12–13.—Mont., 1893, 83.—Odhn., 1902, 155, 156, 159 (type of *Deropristis*), 157 (fig. 13 of Ben., 1870=*D. inflata*).—Stoss., 1898, 57–58 (in *Acipenser sturio*; Trieste); 1899, 14.
- imbutiforme* (Mol., 1859) Stoss., 1898, 55–56 (in *Labrax lupus*; Trieste).
- incrassatum* (Dies., 1850) Cobbold, 1860a, 33 (in *Lutra solitaria*; Brazil).—Braun, 1901e, 317, 328, pl. 19, figs. 5, 8, 9.—Fuhrmann, 1904, 64.—Looss, 1899, 581.—Stoss., 1892, 30 (in *Lutra solitaria*; Brazil); 1899, 14.
- inermis* Fuhrmann, 1904, 63–64, fig. 4 (in *Lutra*).
- inflatum* (Mol., 1859) Stoss., 1898, 58 (in *Anguilla vulgaris*; Trieste).
- labracis* (Duj., 1845) Ben., 1870, 45.—MacCallum, 1904a, 547.
- laticolle* (Rud., 1819) Par., 1899, 5 (in *Trachurus trachurus*; Rimini, Naples); 1902, 4 (in *Corvina nigra*; *Seriola dumerili*; Elba).—To Tergestia in 1899.
- leptosomum* (Crep., 1829) Cobbold, 1860a, 35 (in *Tringa variabilis*, *Chalidris arenaria*).—Looss, 1899b, 580.—Nicoll, 1906, 517.—Stoss., 1892, 169; 1899, 12.
- lidia* Par., 1902, 6, for *lydia* (in *Orthogoriscus mola*; Tonnara d'Enfola).
- liliputanum* Looss, 1896b, 141–143, pl. 9, figs. 91–92 (in *Pernis apivorus* at Alexandria, Egypt; *Milvus parasiticus* at Matarijeh); 1899b, 575, 580, 696; 1901b, 200, 201, 202, 209; 1902m, 816, 817 (form from cat represents a new genus), 818.—Stoss., 1899, 12.
- lydia* Stoss., 1896, 190–191, pl. 8, fig. 1 (in *Orthogoriscus mola*; Trieste); 1898, 55.—Barbagallo & Drago, 1903, 411 (in *O. m.*; Catania).—Looss, 1901e, 605, type of *Dihemistephanus*.—Par., 1902, 6 (*lidia*) (in *O. m.*; Tonnara d'Enfola).
- magnioratum* Stoss., 1898, 53–54 (in *Puffinus kuhlii*; Trieste); 1899, 13.—Looss, 1899b, 581; 1901b, 209; 1901e, 596.
- militare* (Rud., 1803) Cobbold, 1860a, 34; 1879b, 436, 437.—Kowal., 1902d, 28.—Looss, 1899b, 581.—Stoss., 1892, 163–164 (in *Numenius arquatus*, *Scolopax gallinula*, *S. gallinago*, *Ortygometra porzana*); 1899, 13.—Also reported for *Limnocyptes gallinula*.
- mordax* Looss, 1899b, 688, 690, fig. 9 (in *Pelecanus onocrotalus*; Egypt).—Kowal., 1904, 19 (in *Podiceps auritus*; Dublany).
- nephrocephalum* (Dies., 1850) Cobbold, 1860a, 36 (in *Turdus saxatilis*).—Looss, 1899b, 581.—Stoss., 1892, 174; 1899, 14 (in *T. sax.*).
- nigroflavum* (Rud., 1819) Barbagallo & Drago, 1903, 410 (in *Orthogoriscus mola*; Catania).
- orycephalum* (Rud., 1819) Rail., 1896, 160.
- pendulum* Looss, 1899b, 580, 688–692, 693, 697, figs. 13, 15b, c (in *Recurvirostra avocetta*; Adeleninsel, Egypt, Feb.).—Fuhrmann, 1904, 62.
- perlatum* (Rud., [=Nord., 1832]) Barbagallo & Drago, 1903, 410–411 (in *Tinca vulgaris*; Catania).
- phoenicopteri* Luehe, 1898g, 625 (in *Flamingo*; Berberei); 1899e, 235.—Looss, 1899b, 580, 693 (in *Phoenicopterus ruber*).—Stoss., 1899, 12 (Barbary).
- priestis* (Deslongchamps, 1824) Cobbold, 1860a, 36 (in *Merlangus communis*).—Looss, 1899, to *Stephanost*.—Stoss., 1898, 54–55 (in *Gadus euxinus*; Trieste).
- pseudoechinatum* (Ols., 1876) Stoss., 1892, 166 (in *Larus marinus*; Scandinavia); 1899, 13.—Kowal., 1902d, 27.—Looss, 1899b, 581, 685–686, 690, 691, 692, figs. 11, 12, 15.—Mueh., 1898, 21–22.—Also reported for *Larus fuscus*.

## ECHINOSTOMA—Continued.

- pungens* (Linst., 1893) Stoss., 1899, 14 (in *Podiceps minor*).—Looss, 1899b, 581.—MacCallum, 1904a, 547.
- ramosus* Sons., 1895, 123–124 (in *Babulcus ibis*; Nile Delta).—Looss, 1899, 581; 1901, 201.—MacCallum, 1904a, 547.—Odh., 1902, 38.
- recurvatum* (Linst., 1873) Stoss., 1892, 162–163 (in *Fulix marila*; Ratzeburg); 1899, 12.—Looss, 1899b, 580, 693.—Kowal., 1894, 220; 1902d, 27; 1904, 24 (in *Anas boschas dom.*; Gallus dom.; Dublany).—MacCallum, 1904a, 547.—Rail., 1898, 412.—Also in *Fuligula marila*.
- revolutum* (Frölich, 1802) Looss, 1899, 680.
- scabrum* (Mueller, 1788) Cobbold, 1860a, 37 (in *Lota molva*, *Gadus morrhua*).
- secundum* Nicoll, 1906, 514, 515–518, pl. 12, figs. 1–3 (in *Hæmatopus ostralegus*, *Larus argentatus*, *L. ridibundus*).
- serratum* (Dies., 1850) Cobbold, 1860a, 35 (in *Anas scolopaceus*; Brazil).—Looss, 1899b, 581.—Stoss., 1892, 171; 1899, 14.
- spathulatum* (Rud., 1819) Kowal., 1898g, 69–71, 76, figs. 1–14, 37 (in *Botaurus minutus* by Bremser); 1898h, 106–121, 158, figs. 1–14, 37 (in *Botaurus minutus*; Dublany) (*spatulatum*).—Looss, 1899b, 575, 581.—Stoss., 1899, 13.
- spatulatum* (Rud., 1819) Kowal., 1898h, 106–121, 158. See also *spathulatum*.
- spiculator* (Duj., 1845) Cobbold, 1860a, 33.—Looss, 1899b, 581.—Stoss., 1892, 28 (in *Mus decumanus*; Hameln, Rennes); 1899, 13.
- spinulosum* (Rud., 1809) Cobbold, 1858b, 165, pl. 33, figs. 68–72 (in *Larus glaucus*); 1860a, 36 (in *Columbus septentrionalis*, *Podiceps cristatus*, *Anas querquedula*, *Uria grylle*, *Carbo graculus*, *Larus argentatus*, *L. capistranus*, *L. glaucus*, *L. ridibundus*, *Anas clangula*, *Numenius arquatus*); 1879b, 448.—Cohn, 1903, 41 (in *Alca torda*).—Condorelli, 1897, in 118–124 (in *Hydrocolæus minutus*).—Gilbert, 1905, v. 39, 925–927, 1 fig.—Looss, 1896b, 141; 1899b, 580, 687, 689, 690, 691.—Mueh., 1898, 22.—Nicoll, 1906, 154; 1906, 516, 517.—Par., 1899, 5; 1902, 4 (in *Fulica atra*; Elba).—Stoss., 1892, 169–170 (in *Querquedula circia*, *Phalacrocorax graculus*, *Larus argentatus*, *L. capistranus*, *Uria grylle*, *Totanus fuscus*, *Numenius arquatus*); 1896, 127 (in *Numenius tenuirostris*; Monfalcone); 1898, 52–53 (in *Larus ridibundus*, *Numenius tenuirostris*, *Podiceps cristatus*; Trieste); 1899, 12.—Wolffhuegel, 1900, 9, 56 (in *Machetes pugnax*), 62.—Also reported for *Bucephala clangula*, *Chrocephalus minutus*, *Fulica atra*, *Larus fuscus*.
- tabulatum* Mueller, 1897, 21–22, pl. 3, fig. 5 (in *Numenius arquatus*).—MacCallum, 1904a, 547.
- trigonocephalum* (Rud., 1802) Cobbold, 1860a, 33.—Kowal., 1902d, 27; 1904, 25 (in *Putorius fortidus*; Dublany).—Looss, 1899b, 581; 1902m, 823.—Mueh., 1898, 22.—Stoss., 1892, 29–30 (syns. *Fasc. putorii*, *F. trig.*, *Dist. trig.*) (in *Erinaceus europæus* at Padova, Vienna; *Meles taxus* at Warnemünde; *Mustela foina*; *Lutra vulgaris*; *Putorius lutreola*; *P. communis* at Padova, Vienna; *Putorius vulgaris* at Venezia, Greifswald; *Vulpes vulgaris*); 1899, 13.
- umbonatum* Odhn., 1902, 21–22 (in *Krokodil*; Nile).
- uncinatum* (Zed., 1803) Cobbold, 1860a, 35 (in *Gallinula chloropus*).—MacCallum, 1904a, 547.—Stoss., 1892, 172 (= *E. cinctum*) (in *Vanellus cristatus*, *V. melanogaster*, *Gallinula chlor.*; Rostock).
- (ECHINOSTOMA) Rud., 1809a, 37–38, 415–429 (tld. *echinatum*); a. subg. of *Dist.* See also *Echinost.*
- acanthoides* Rud., 1819a, 114, 415–416 (in *Phoca vitulina*; Berlin). See *Echinostoma*.
- annulatum* (Dies., 1850) Stoss., 1886, 63. See *Echinost.*
- apiculatum* (Rud., 1803) Rud., 1809a, 423. See *Echinost.*
- areolatum* (Rud., 1809) Stoss., 1886, 60.
- bicoronatum* (Stoss., 1883) Stoss., 1886, 58.
- bilobum* Rud., 1819a, 114, 416 (in *Tantalus falcinellus*). See *Echinost.*
- campanula* (Duj., 1845) Stoss., 1886, 62.
- cesticillus* (Mol., 1858) Stoss., 1886, 57. See *Echinost.*
- cinctum* (Rud., 1803) Rud., 1809a, 422–423. See *Echinost.*
- contortum* Rud., 1819a, 118 (in *Orthagoriscus mola*; Naples).

## (ECHINOSTOMA)—Continued.

- coronarium* (Cobbold, 1861) — ? —, 1896.  
*coronatum* Rud., 1819a, 686 (in *Didelphis virginiana*). See Echinost.  
*coronatum* (Wagener, 1852) Stoss., 1886, 58. See Echinost.  
*corvinæ* (Stoss., 1886) Stoss., 1886, 58.  
*cristatum* Rud., 1819a, 117 (in *Stromteus fiatola*; Arimini). See Echinost.  
*denticulatum* (Rud., 1802) Rud., 1809a, 424–425. See Echinost.  
*echinatum* (Zed., 1803) Rud., 1809a, 418–420. See Echinost.  
*echinocephalum* Rud., 1819a, 115 (includes *D. milvi*.) (in *Falco milvus*). See Echinost.  
*ellipticum* Stoss., 1886, 64, for *ellipticum* (Mol., 1858).  
*exasperatum* Rud., 1819a, 117 (in *Sorex eremita*).  
*fallax* Rud., 1819a, 117 (in *Uranoscopus scaber*; Naples). See Echinost.  
*ferox* (Rud., 1795) Rud., 1809a, 426–427. See Echinost.  
*hemicyclum* (Mol., 1859) Stoss., 1886, 60.  
*hispidum* (Abildg., 1819) Rud., 1819a, 118, in *Accipenser sturio*; Arimini, Berlin; includes *D. sturionis*. See Echinost.  
*hystrix* Duj., 1845a, 433 (in *Pleuronectes maximus*, *P. platessa*).  
*imbutiforme* (Mol., 1859) Stoss., 1886, 59. See Echinost.  
*incrassatum* (Dies., 1850) Stoss., 1892, 30. See Echinost.  
*increscens* (Olss., 1868) Stoss., 1886, 58.  
*inflatum* (Mol., 1859) Stoss., 1886, 63. See Echinost.  
*labracis* (Duj., 1845) Ben., 1870, 1871a, 24 (in *Labrax lupus*; Belgium). See Echinost.  
*laticolle* Rud., 1819a, 117 (in *Caranx trachurus*; Naples and Arimini). See Echinost.  
*leptosomum* (Crep., 1829) Duj., 1845a, 428. See Echinost.  
*lima* Rud., 1809a, 427–429.  
*militare* (Rud., 1803) Rud., 1809a, 421–422. See Echinost.  
*mulli* (Stoss., 1883) Stoss., 1886, 59.  
*nigroflavum* Rud., 1819a, 118 (in *Orthogoriscus mola*; Naples).  
*oculatum* (Levin., 1881) Stoss., 1886, 58.  
*perlatum* (Nord., 1832) Stoss., 1886, 62. [Type of *Asymphyllodora*.]  
*planicolle* Rud., 1819a, 686 (in *Pelecanus sula*; Brazil).  
*polonii* (Mol., 1859) Stoss., 1886, 58.  
*pristis* (Deslongchamps, 1824) Duj., 1845a, 433. See Echinost.  
*rachion* (Cobbold, 1858) Stoss., 1886, 61.  
*radiatum* Duj., 1845a, 385, 427–428 (in *Carbo cormoranus* or *Pelecanus carbo*).  
*radula* Duj., 1845a, 433–434 (in *Lymnæus palustris*; Rennes).  
*scabrum* (Mueller, 1784) Rud., 1819a, 118. See Echinost.  
*semiarmatum* (Mol., 1858) Stoss., 1886, 64.  
*sobrinum* (Levin., 1881) Stoss., 1886, 58.  
*sophieæ* (Stoss., 1886) Stoss., 1886, 59.  
*spathulatum* (Rud. [Crep., 1837]) Par., 1902, 4 (in *Ardetta minuta*; Portoferraio).  
*spiculator* Duj., 1845a, 424–425 (in *Mus decumanus*; Rennes). See Echinost.  
*spinulosum* Rud., 1809a, 425 (in *Larus naevius*, *L. cinerarius* and *Colymbus septentrionalis*). See Echinost.  
*trigonocephalum* (Rud., 1802) Rud., 1809a, 415–418. See Echinost.  
*uncinatum* (Zed., 1803) Rud., 1809a, 420–421. See Echinost.  
*valideinflatum* (Stoss., 1883) Stoss., 1886, 58.  
*viriparum* (Olss., 1868) Stoss., 1886, 60.

ECHINOSTOMIDÆ Looss, 1902m, 817.

ECHINOSTOMINÆ Looss, 1899b, 543, 579; 1902, 839.—Braun, 1901.—Nicoll, 1907, 80.—Pratt, 1902a, 888 (includes: *Echinost.*, *Stephanochasmus*, *Dihemi-stephanus*, *Stephanoprora*; related genus *Rhopalias*), 895 (key).

**ECHINOSTOMUM.** See *Echinostoma*.

**EMISTOMUM** Sons., 1889, 192, apparently for *Hemistomum*.

*alatum* (Gæze, 1782) Sons., 1889, 192.

**EMOLEPTALEA** Looss, 1900d, 602, *Leptalea* Looss, 1899 [nec Klug, 1839] renamed, hence type *exilis*.—Pratt, 1902a, 889, 901 (key).

**ENCHELYS** Mueller, 1786.—Nitzsch, 1827, 68 (contains *Cerc. podura*, *C. viridis*).—[Not *Enchelys* for *Echelus* Raf., 1810, fish.]

**ENCOTYLLABIDÆ** Mont., 1888, 108 (for *Encotyllabidæ*).

**ENCOTYLABE** Gamb., 1896a, 73 (for *Encotyllabe*).

**ENCOTYLLABE** Dies., 1850a, 290, 427–428 (m. *nordmanni*); 1858e, 313, 364.—Ben. & Heese, 1864, 66, 79–81.—Braun, 1890a, 412, 415, 469, 477, 498, 511, 515, 516, 519, 523, 525, 526, 529; 1893a, 889.—Carus, 1863, 477.—Gamb., 1896a, 73 (*Encotyllabe*).—Goldb., 1855a, 20.—Massa, 1906, 43, 48.—Mont., 1888a, 7, 10, 13, 16, 66 (*Encotyllabe*), 86, 87, 97; 1891, 122; 1892, Oct. 7, 213 (gen. of *Encotyllabine*); 1899, 98, 99; 1903, 335 (subf. *Encotyllabine*; fam. *Tristomidæ*).—Pratt, 1900, 646, 649 (key), 655, fig. 11.—Tasch., 1878, 566 (syn. of *Trist. Cuv.*).

1888: *Encotyllabe* Mont., 1888a, 66 (for *Encotyllabe*).

1896: *Encotylabe* Gamb., 1896a, 73 (for *Encotyllabe*).

*nordmanni* Dies., 1850a, 428 (syn. *Trist. excavatum* Nord. MS.) (in *Brama mediterranea*); v. 14, 70, pl. 1, figs. 1–14; 1858e, 364 (in *Br. rayi*).—Braun, 1890a, 418, 530, 547, 550 (*nordmanni*).—Kroyer, 1838–40a, 595 (in *Br. rayi* Bl.).—Mont., 1891, 122.—Pratt, 1900, 655, 657, fig. 11.—Tasch., 1878, 564, 565, 568 (to *Trist.*).

*nordmanni* Braun, 1890a, 550 (for *nordmanni*).

*pagelli* Ben. & Heese, 1864, 80–81, pl. 7, figs. 1–11 (in *Pagellus centrodonotus*).—Braun, 1890a, 411, 418, 419, 530, 547, 551.—Cunningham, 1887a, 278.—Gamb., 1896a, 58, fig. 25A.—Mont., 1888a, 7, 15, 66; 1891, 122.—Tasch., 1878, 569 (to *Trist.*).

*species* Par. & Perugia, 1890, 6 (in *Crenilabrus pavo*).—Braun, 1890a, 530, 547, 550.

**ENCOTYLLABIDÆ** Mont., 1888, 87, 88, 97, 108 (*Encotyllabidæ*); 1891, 108, 122.—Braun, 1890a, 517.

**ENCOTYLLABINÆ** Mont., 1892, Oct. 7, 213 (subf. of *Tristomidæ*); 1903, 335 (fam. *Tristomidæ*).—Braun, 1893a, 889.—Pratt, 1900, 646 (*Encotyllabe*), 649 (key).

**ENCOTYLLAHE** Mont., 1888, 166, misprint for *Encotyllabe*.

**ENODIA** Looss, 1899b, 592–593, 633, 710 (m. *megachondrus*); *ἐνόδιος*, am Wege; [not *Enodia* Huebn., 1816, lepidopteron; not *Enodia* Dahlb., 1843, hymenopteron; not *Enodius*, Lap., 1836, coleopteron]; 1900, 602 (renamed *Enodiotrema* Looss, 1900); 1902, 515.—Braun, 1901a, 23; 1901b, 23.—Stiles, 1901r, 189.

*megachondrus* Looss, 1899b, 593, 709–710, fig. 30, in *Testudo* (græca?); 1902, 508 (to *Enodiotrema*).—Braun, 1901a, 23, 24.—Luehe, 1900, 561.

**ENODIOTREMA** Looss, 1900, Dec. 3, 602, *Enodia* Looss, 1899 [nec Huebn., 1816], renamed, hence type *megachondrus*; 1901i, 562, 563; 1902m, 508, 512, 514, 515, 516, 584, 788, 824, 838.—Braun, 1901a, 23; 1901b, 26.—Cohn, 1902, 882.—Heymann, 1905, 93.—Odhn., 1902, 38, 40, 41, 42, 153.—Pratt, 1902a, 888 (related to *Plagiorthiinae*), 900 (key).

*acariæum* Looss, 1902m, 415, 417, 517–519, pl. 24, figs. 50–54 (in *Thalassochelys corticata*; Egyptian coast), 873, pl. 24, figs. 50–54.

*instar* Looss, 1901i, 562, 563 (in *Thalassochelys corticata*); 1902m, 516–517, 873, pl. 24, figs. 45–46.—Braun, 1902b, 24, fig. 9.

*megachondrum* (Looss, 1899) Braun, 1901b, 23, 24, fig. 9 (for *megachondrus*) includes “*Monost. cacouanæ* Kollar,” in *Thalassochelys caouana* = *T. caretta*.

*megachondrus* (Looss, 1899) Looss, 1901i, 561–562, 563 (in *Chelone mydas*, *Thalassochelys corticata*; Egypt); 1902m, 414, 415, 417, 508–516, pl. 24, figs. 41–44, 517, 788, 872, pl. 24, figs. 41–44.—Odhn., 1902, 153.

*reductum* Looss, 1901i, 562–563 (in *Thalassochelys corticata*); 1902m, 517, 518, 519, 873, pl. 24, figs. 47–49.

**ENTOBDELLA** Audouin, 1828a, 455, “Il paraît que Blainv. a désigné ce genre sous le nom d’Entobdelle.”—Braun, 1890a, 518.—Johnston, 1865, 30, 32.

*hippoglossi* (Mueller, 1776) Johnston, 1856, 32 (syns. *Hirudo* hip. Mueller, *Phylline* hip. Lam., *Trist. hamatum*), on *Hippoglossus* vulg.

- EPIBATHRA** Looss, 1902m, 576, 577, 581, 582, 584, 589, 594, 597, 600, 601, 602, 603, 609, 612, 614–615, diagnosis (m. crassa).  
*crassa* (Looss, 1901) Looss, 1902m, 414, 416, 557, 575–578, 615, 876, pl. 26, figs. 83–88, 888, pl. 32, figs. 179–180.
- EPIBELLA** Blainv., 1828a, 567 (m. hippoglossi).—Ben., 1858a, 1861a, 11, 18–21, 61, 167, 168, 169, 170, 176, 190, 194.—Ben. & Hesse, 1864, 64, 66, 68–70.—Brand., 1894a, 308.—Braun, 1890a, 412, 414, 415, 423, 429, 451, 453, 465, 466, 469, 473, 484, 490, 495, 511, 515, 516, 517, 518, 519, 522, 523, 526, 527; 1890c, 597; 1891d, 422; 1893a, 889.—Carus, 1863, 477.—Dies., 1850a, 426 (syn. Phylline Oken).—Fraip., 1880c, 416, 445; 1881b, 28.—Gamb., 1896a, 73.—Goto, 1893a, 798.—Haswell, 1892a, 458.—Jackson, 1888, 646 (excretory system), 647 (rep. syst.), 648.—Johnston, 1865a, 32.—Kroyer, 1843–45a, 404 (in *Hippoglossus maximus* Mind.).—Lint., 1901a, in 267–304, 11 pls.—Maclaren, 1904, 593.—Massa, 1906, 43, 48, 49.—Mont., 1888a, 10, 11, 13, 16, 19, 28, 35, 36, 42, 52 (Epididella), 55, 57, 66, 84, 86, 87, 97; 1891, 100, 104, 105, 106, 107, 111, 114, 115, 116, 117, 118, 120, 124, 125 (Epididella), 130; 1892, Oct. 7, 172, 186, 187, 213 (gen. of Tristominae) (syn. Phyllonella); 1893, 8, 210; 1899, 92, 96, 98, 100, 101; 1902b, 137–145, figs. 1–4; 1902c, July 1, 401; 1903, 335 [= Phyllonella] (subf. Anacyrocotylinæ) (f. Tristomidae); 1905, 75.—Pratt, 1900a, 646, 648 (key) (on skin of marine fishes), 658.—Scott, 1901, 142; 1905, 117 (Epididella).—St.-Remy, 1898, 532.—Tasch., 1878, 566 (syn. of Trist. Cuv.).  
 1891: *Epididella* Mont., 1891, 125 (for *Epididella*).—Scott, 1905, 117.  
 1888: *Epididella* Mont., 1888, 52 (for *Epididella*).
- bumpusii* Lint., 1900a, 267, 269, 275, 286–287, pl. 34, figs. 11–15 (in *Dasyatis centrura*; Woods Hole, Mass.); 1901, 414, 433, 461.—Heath, 1902, 112.—Mont., 1902, 137, 138, 140, 141, 142, 143, 145.—Pratt, 1900a, 655, fig. 5, 657, 658 (key).
- diadema* Mont., 1902, v. 15, 137–145, figs. 1–4 (in *Trygon violacea*), 143 to (Phylline); 1902, July 1, 401; 1905, 75.
- hendorfii* (Linst., 1889) Goto, 1894, 233 (in *Coryphaena hippurus*).—Braun, 1890a, 418, 429, 437, 441, 444, 453, 460, 469, 470, 472, 473, 474, 490, 527, 547, 550.—Heath, 1902, 112 to (Phylline).—Linst., 1904, 678.—Mont., 1891, 101, 105, 107, 108, 115, 119, 120, 125, 126, 130, pl. 5, fig. 8, pl. 6, fig. 22; 1892, Oct. 7, 172 (hendorfii); 1893, 49; 1902, 137, 138, 142, 143, 144 (hendorfii).
- hendorfi* Mont., 1902, 144 (for hendorfii).
- hendorfi* Mont., 1892, Oct. 7, 172 (for hendorfii).
- hippoglossi* (Mueller, 1776) Blainv., 1828a, 567.—Ben., 1858a, 1861a, 21–23, 36–37, 167, 195, pl. 2, figs. 1–10, pl. 3, figs. 1–8 (includes *Tertia pediculorum* sp. Baster; Trist. hamatum Rathke) (in *Pleuronectes hippoglossus*).—Ben. & Hesse, 1864, 69 (in *Hippoglossus vulgaris*).—Braun, 1889k, 621; 1890a, 411, 419, 423, 438, 441, 444, 445, 453, 458, 475, 483, 488, 519, 527, 547, 551; 1890c, 597.—Dies., 1850a, 427 (to Phylline); 1859c, 437 (to Phylline).—Gamb., 1896a, 55, fig. 22c.—Heath, 1902, 111.—Linst., 1901, 280.—Massa, 1906, 49.—Mont., 1888a, 13, 19, 53 (hippoglossus), 87; 1891, 105, 106, 107, 111, 114, 115, 116, 118, 119, 120, 125, 126, 130, pl. 5, figs. 5, 6, pl. 6, figs. 24, 25; 1892, Oct. 7, 172; 1899, 96; 1902, 137, 138, 140, 141, 142, 143, 144, 145; 1905, 75.—Odhn., 1905, 370–372 (syn. Trist. hamatum).—Par., 1896, 1 (in *Hippog. vulg.*; North Sea).—Schoett, 1896, 253–265, 1 pl.—Scott, 1901, 142 (in *Halibut*; Scotland); 1905, 117 (Epididella).—Staff., 1904, May 3, 482 (on *Hippog. hippoglossus*; Canada).—St.-Remy, 1898, 532.—Tasch., 1878, 568 (to Trist.).—Also reported for *Hippoglossus maximus*.
- hippoglossi* var. *pleuronectes* Mont., 1889, 117 (MS. name in Leuck. Coll., renamed Trist. uncinatum).
- hippoglossii* Ben., 1858a, 1861a, 21 (for hippoglossi).
- hippoglossus* Mont., 1888, 53, for hippoglossi.
- ishikawæ* Goto, 1894a, 234–235, pl. 26, figs. 1–3 (on *Lethrinus*; Hagi, Japan, August).—Mont., 1899, 96; 1902, 137, 142, 143.—St.-Remy, 1898, 532–533 (ishikawai).
- ishikawai* St.-Remy, 1898, 532–533, for ishikawæ.
- monticelli* Mont., 1902, 143 for monticellii.
- monticellii* (Par. & Per., 1895) Par., 1896, 1 (in *Mugil auratus*; Italy) to (Phylline).—Mont., 1902, 137, 142, 143 (monticelli).—St.-Remy, 1898, 533–534.
- ovata* Goto, 1894a, 234–237, pl. 26, figs. 4–8 (in *Anthias schlegelii*; Misaki, Japan, August).—Mont., 1899, 96; 1902, 137, 142, 143.—St.-Remy, 1898, 533.

## EPIBDELLA—Continued.

*producta* Linst., 1903, 354–356, figs. 5–6 (in *Solea vulgaris*).—Odh. n., 1906, 65–66 (syn. of *E. soleæ*).

*sciænæ* Ben., 1856, 502–508, 1 pl., figs. 1–4 (on *Sciæna aquila*; Italy); 1858a, 1861a, 23–37, 195 (in *Sc. aq.*).—Ben. & Hesse, 1864, 69–70 (*E. sciænæ*, syn. of *Benedenia elegans*).—Braun, 1890a, 411, 419, 518, 527, 547, 552.—Fraip., 1880c, 442 (*sciænæ*).—Goto, 1894a, 233; 1899, 269–270, pl. 20, figs. 8–9.—Massa, 1906, 49.—Mont., 1888, 13, 87; 1891, 105, 107, 120, 125, 126, pl. 6, fig. 23; 1893, 4; 1902, 137, 141, 142, 143, 144, 145; 1905, 75.—Par., 1896, 1 (in *Sc. aq.*; Italy).—Sons., 1891, 263.—Tasch., 1878, 564, 565 (to Trist.).

*sciænæ* Fraip., 1880c, 442 (for *sciænæ*).

*sciænæ* Ben. & Hesse, 1864a, 69–70 (for *sciænæ*, syn. *Benedenia elegans*).

*soleæ* (Ben. & Hesse, 1863) Mont., 1890, 419; 1891, 105, 106, 107, 109, 111, 115, 116, 118, 119, 120, 124, 125, 126, 130, pl. 5, fig. 7, pl. 6, figs. 26–30; 1892, Oct. 7, 172; 1902, 137, 138, 139, 140, 142, 143, 144, 145.—Linst., 1903, 356.—Odh. n., 1906, 65–66 (syn. *E. producta*).—Par., 1896, 1 (in *Solea vulgaris*; France), to (*Phyllonella*).

*squamula* Heath, 1902a, 109–136, pls., 15, 16, figs. 1–19 (in *Paralichthys californicus*); 1902b, 843.—Massa, 1906, 49.—Mont., 1905, 75–76, to (*Phylline*).—Odh. n., 1905, 371.

EPIDELLA Mont., 1891, 125, for *Epibdella* q. v.

*hippoglossi* (Mueller, 1776) Scott. 1905, 117.

EPIHDELLA Mont., 1888, 52, for *Epibdella* q. v.

ERPOCOTYLE Ben. & Hesse, 1863, 87; 1864a, 87 (m. *lævis*).—Braun, 1890a, 413, 415, 416, 511, 516, 517, 523, 538, 539, 546; 1893a, 890.—Gamb., 1896a, 73.—Hoyle, 1890, 539 (one species from gills of *Mustelus lævis*).—Mont., 1888a, 8, 11, 13, 86, 89, 100; 1892, Oct. 7, 213 (gen. of *Polystominae*); 1903, 336 (subf. *Diaphorocotylinae*).—Pratt, 1900a, 646, 651 (key, “on gills of *Mustelus*”), 656, fig. 24.—Tasch., 1879, 253–254, 255; 1879, 69.

*circularis* Linst., 1904, 493–494, figs. 18–20 or 1904, 17–18, figs. 1–3 (in *Acipenser ruthenus*).

*lævis* Ben. & Hesse, 1863, 1864a, 87–89, pl. 7 bis, figs. 1–9 (in *Mustelus lævis*).—Braun, 1890a, 414, 418, 539, 548, 551.—Linst., 1903, 280.—Mont., 1888a, 8, 13.—Pratt, 1900a, 656, fig. 24, 657.—Tasch., 1879, 254 (in *Must. læv.*).

ERTOPDELLA Rathke, 1843, 238 (for *Entobdella*?).

ETEROCOTYLEA Mont., 1899, 81, 88, 107 (for *Heterocotylea*).

EUBUCEPHALUS Dies., 1855a, 395 (m. *Bucephalus polymorphus*), subg. of *Bucephalus*.

(EUCERCARIA) Dies., 1855a, 385–388 subg. of *Cercaria*; 1858d, 246 (renamed *Acanthocephala*).

*brachyura* (Dies., 1850) Dies., 1855a, 386; 1858d, 257.

*brunnea* (Dies., 1850) Dies., 1855a, 387; 1858d, 247.—See *Dist. echinatum*, type of *Echinost.*

*chlorotica* (Dies., 1850) Dies., 1855a, 386; 1858d, 253.

*fallax* (Dies., 1850 pars) Dies., 1855a, 387–388; 1858d, 248.

*minuta* (Nitzsch, 1817) Dies., 1855a, 385.

*neglecta* (Fil., 1854) Dies., 1855a, 386–387; 1858d, 246.

*reticulosa* (Dies., 1850) Dies., 1855a, 385; 1858d, 254.

*virgula* (Fil., 1837) Dies., 1855a, 386; 1858d, 260.

EUCOTYLE Cohn, 1904, 238 (m. *nephritica*).

*nephritica* (Mehlis, 1846) Cohn, 1904, 237–238, fig. 4.

EUMEGACETES Looss, 1900, Dec. 3, 602, *Megacetes* Looss, 1899 [nec Thomas, 1859], renamed, hence type “*triangularis*” of Looss = *emendatus* Braun.—Braun, 1901f, 568; 1902b, 53, 92, 93, 94, 95, 96.—Pratt, 1902a, 889 (related to *Dicrocoeliinae*), 904 (key).

*contribulans* Braun, 1901f, Apr. 25, 568 (in *Hirundo rustica*); 1901g, 895, 943; 1902b, 54, 93, 95, 96, fig. 54.—Poche, 1907, 126 (syn. of *crassus*).

*crassus* (Sieb., 1836) Poche, 1907, 126.

## EUMEGACETES—Continued.

*emendatus* Braun, 1901f, 568, new name for *Dist. meropis* of Par. = *Megacetes triangularis* of Looss, not *D. triangulare* Dies.; also in *Caprimulgus europæus*; 1901g, 895; 1902b, 54, 93, 94, 97.—Looss, 1902m, 819, 823.

*mediorimus* Braun, 1901g, 895–896 (in *Galbula grandis* Lath; Brazil); 1902b, 96, figs. 55, 56.

[*triangularis* of Looss, see *emendatus*.]

EUPOLYCOTYLEA Dies., 1850a, 289, 416 (subtribe of Polycotylea).—Braun, 1890a, 515.—Cerf., 1899a, 351.—Goldb., 1855, 18.

EURYCÆLIUM Hoyle, 1890, 539, for Eurycælum.

EURYCÆLUM Brock, 1886a, 543–547 (m. *sluiteri*); 1887a, 186–187 [not Eurycælum Chaudoir, 1848].—Brand., 1891b, 266.—Braun, 1892a, 741, 742, 743, 744; 1893a, 886, 887, 894.—Hoyle, 1890, 539.—Looss, 1902, 839.—Luehe, 1901, 395, 481, 482, 484–488.—Mont., 1888a, 43, 92.—Pratt, 1902a, 889, 904 (key).—Spengel, 1892.—Stiles, 1901, 177.—Stiles & Hass., 1898a, 88, 90, 91 (type, *sluiteri*; syn. of *Hemimurus*).

1890: Eurycælum Hoyle, 1890, 539, for Eurycælum.

*sluiteri* Brock, 1886a, 543–547 (in *Diacope metallicus*; Java); 1887a, 186–187.—Brand., 1891b, 265.—Braun, 1892f, 45–48; 1892h, 727–729, 741, 742.—Linst., 1887, —.—Looss, 1894, 234; 1899 (to *Hemimurus*).—Luehe, 1901, 484, 485.—Mont., 1893, 149.—Stiles, 1901, 177.—Stiles & Hass., 1898a, 90.—Zool. Anz., 1892, v. 15, 225.

(EURYSOMA) Duj., 1845a, 388, 406 (m. *squamula*), subg. of *Dist.* [not *Eurysoma* Koch, 1840, arachnoid; not *Gistl.*, 1829; not *Eurysomus* Young, 1866].—Baird, 1853a, 52.—Braun, 1893a, 885, 909.—R. Bl., 1891, 609.—Looss, 1899b, 535; 1902m, 750, 751.—Mont., 1888a, 92.—Stiles, 1901, 165.—Stiles & Hass., 1898a, 88, 98.

*squamula* (Rud., 1819) Duj., 1845a, 406 (type of *Eurysoma*) (to *D. (Dicrocælium)* by Stoss., 1892, 20).

EUSTEMMA Dies., 1850a, 287, 317 (m. *caryophyllum*), 1855, 172; 1858e, 312, 322–323.—Brand., 1888a, 12, 13.—Braun, 1893a, 887, 894.—Goldb., 1855, 17.—Hoyle, 1890, 539.—Mont., 1888a, 84, 91.

*caryophyllum* Dies., 1850a, 317 (in *Falco pileatus*; Rio Parana, Brazil); 1855, 172, pl. 1, figs. 1–5; 1858e, 323.—Brand., 1888a, 5, 65 (syn. of *Holost. eustemma*); 1890a, 593 (syn. of *Holost. eustem.*).—Braun, 1893a, 903.

EURYTREMA Looss, 1907, Feb. 1, 127–134 (tod. *pancreaticum* Janson; Japan).

*calomaticum* (Giard & Billet, 1892) Looss, 1907, Feb. 1, 132–134, fig. 2 (syn. *Dicrocælium pancreaticum* Rail. & Marotel, 1898).

*pancreaticum* (Janson, 1889) Looss, 1907, Feb. 1, 128–132, 133, fig. 1.—[Janson, 1889a, is not accessible to us; our earliest reference is Railliet, 1890.]

EXACOTYLE Mont., 1888a, 8 (apparently for *Hexacotyle*); 1891, 109.

*thynni* De la Roche, 1811a?—Crety, 1892c, 399 (*tynni*).—Mont., 1890, 195; 1891, 129.

*tynni* Crety, 1892c, 399 (for *thynni*).

EXACOTYLINÆ Mont., 1905, 77.

FAICIOLA Mueller, 1774, 70, for *Fasciola*.

FASCINIA Raffinesque, 1815, 151 (nomen nudum; g. of *Fasciolaria*; to contain species of *Fasciola*, but these are not named).

FASCIOLA Linn., 1758a, 644, 648–649, includes *hepatica* (type by elimination, also by later designation, and also by first-species rule) and *intestinalis*.—Abildg., 1790, 35 (syns: *Fasc. intestinalis* Linn., *Planaria intest.* Mueller, *Ligula* Bloch, *Fasc. Gœze*). 36 (to *Dist.*). 58.—Ariola, 1900, 426 (of Linn., 1735, = *Schistocephalus*).—Biehringer, 1889a, 654.—Blainv., 1824a, 514; 1828, 585–587.—E. Bl., 1847, 278.—R. Bl., 1888a, 589; 1895, 730.—Bosc., [1802a], v. 1, 263–268.—Brand., 1888a, 8.—Braun, 1892a, 674; 1893a, 883, 885, 893, 894, 908; 1895b, 138; 1900a, 1643, 1668; 1903, 3 ed., 147.—Cobbold, 1879b, 15, 1883, 401 (syn. of *Dist.*); 1883x, 514; 1883v, 500.—Crep., 1837a, 309; 1845b, 20–22.—Cuv., 1817a, 40.—Deslongchamps, 1824o, 386.—Dies., 1850a, 307 (of Gmelin, syn. of *Hemist.*), 312 (of Gmelin, syn. of *Holost.*), 318 (of Schrank; syn. of *Diplodiscus*), 319 (of Gœze, syn. of *Monost.*), 331 (of Linn., syn. of *Dist.*), 400 (of Mueller, syn. of *Amphist.*), 411 (of Frœlich, syn. of *Notocotyle*), 412 (of Gmelin, syn. of *Polyst.*), 573 (of Linn., syn. of *Tetrabothriorhynchus*), 577 (of Gœze, syn. of *Caryophyllæus*), 579 (of authors, syn. of *Ligula*), 583;

## FASCIOLA—Continued.

- 1858e, 332 (syn. of *Dist. giganteum*).—Fabricius, 1794, 26, 27.—Fischer, 1799, 96.—Hahn & Lefèvre, 1884a, 515.—Hémont, 1827, 9.—Herbst, 1787a, 14, 15, 21, 31, 36.—Hoyle, 1890, 539–540 (3 species, type hepatica).—Jackson, 1888, 644, 646, 654.—Joubin, [1892a], 29.—Lamarck, 1801a, 333; 1816, 180–181.—Lamouroux, 1824a, 559, 608; 1824b, 404; 1825a, 356.—Leblond, 1836f, 4.—R. Leuck., 1863, 530.—Looss, 1899b, 551, 557; 1901, 199, 208, 658; 1902, 746, 756.—Lucbe, 1905, 146.—MacCallum, 1899, 707.—Macé, 1882, 25.—Montagu, 1811, 194–198, 199–200 (in poultry, see *Syngamus trachealis*).—Mont., 1893, 44, 153, 182; 1896, 168.—Mueller, 1774, 52, 70 (*Fasciola*).—Nitzsch, 1819, 397.—Nord., 1840, 613–618 (syn. *Dist.*).—Odh., 1905, 339, 344, 346, 347.—Pallas, 1781c, 59.—Par., 1900, 190–197, 1 fig. (in Buenos Ayres).—Pratt, 1902, 883, 887 (key to).—Rafinesque, 1815, 151 (g. of *Fasciolaria*).—Rail. & Marotel, 1898, 32–33.—Røderer, 1762, 537–539.—Røderer & Wagler, 1762, 194–210.—Rud., 1793a, 25; 1801, 50, 54; 1802, 61–62; 1809a, 21.—St. Vincent, 1824, 608.—Schneider, 1866, 7, 9, 11.—Schränk, 1803, 185.—Slawikowski, 1819, 8, 55, 56.—Sons., 1896, 112–116.—Stiles, 1894c (s. str.); 1895f; 1895m; 1896, 159; 1898a, 22, 27, 29; 1901, 163, 165, 174, 180; 1906, 14.—Stiles & Hass., 1898a, 88–89, 90, 95, 97 (type hepatica).—Tasch., 1879, 251 (of Gmelin, syn. of *Polyst.*).—Vogel, 1772, 648.—Ward, 1903, 865.—Wolffhuegel, 1900, 129.
- 1774: *Fasciola* Mueller, O. F., 1774, 70, misprint.
- 1782: *Planaria* Goeze, 1782a, 168, [not Mueller, 1776, worm; not Brown, 1827, mollusk; not Lea, 1833, mollusk], includes *Fasc. hepatica* as *Pl. latiuscula*, hence type *P. latiuscula* Goeze, 1782.
- (1782): *Distoma* Retzius (1782); 1790, 32 [not *Distomus* Gærtner, 1774, mollusk; not Steph., 1827, coleopteron; not *Distoma* Savigny, 1816, mollusk], for *Planaria* Goeze, 1782, hence same type.
- 1815: *Distomopsis* Rafinesque, 1815, 151, *Distoma* Zed., renamed.
- 1825: *Distomum* Crep., 1825, for *Distoma*.
- 1845: *Distoma* (*Cladocœlium*, m. hepaticum) Duj., 1845a, 382, 388, 389.
- 1845: *Fasciolaria* Anonymous, 1845, 141, in *Encycl. Metropolitana*, Lond. [not Lamarck, 1799, mollusk], for *Fasciola* Linn.
- 1850: “*Distomum* Retzius,” 1782, in Dies., 1850a, 141.
- 1853: “*Cladocalium* Duj.” of Pontallié, 1853, 103–105 (for *Cladocœlium*).
- 1863: “*Distomum* (*Fasciola*)” R. in Leuck., 1863, 530.
- 1876: *Fascolia* Adams, 1876, 764, misprint.
- 1892: *Cladocœlium* (Duj., 1845) as genus in Stoss., 1892, 7 of reprint.
- 1894: *Phasciola* Wilder, H. H., 1894, 24 [not *Phaseolus* Mont., 1875, mollusk] (for *Fasciola*).
- 1898: “*Cladocœlium*” of Stiles & Hass., 1898a, 89, misprint.
- abdominalis* Goeze, 1782a, 41, 169, 186–190, pl. 16, figs. 4–9, includes *F. intestinalis*, 1758, and *Ligula piscium* Bloch.—Baird, 1853a, 95 (syn. of *Lig. simplicissima*).—Dies., 1850a, 580 (syn. of *Lig. diagramma*).—Nord., 1840, 590 (syn. of *Lig. cingulum*; *F. a.* of Zed., syn. of *Lig. contortrix*).—Rud., 1810a, 20 (syn. of *Lig. cingulum*), 18 (syn. of *Lig. contortrix*), 29 (syn. of *L. carpinionis*).
- æglefine* Nicoll, 1907, 73 (syn. of *Dist. simplex*) for *æglefini*.
- æglefini* Mueller, 1776, 224 (in *Gadus æglefinus*; intestine); 1777, 33, pl. 30, fig. 4 (in *Ga. ægl.*); 1779a, 65 [pl. 3, fig. 4].—Bosc, 1802a, 272 (*æglefini*, misprint).—Bruguère, 1791a, pl. 7a, fig. 15.—Cobbold, 1858b, 157.—Dies., 1850a, 343 (syn. of *Dist. simplex*).—Gmelin, 1790a, 3056.—Herbst, 1787a, 33.—Lamarck, 1816, 182; 1840, 619.—Lamouroux, 1824a, 563.—Levin., 1881a, 67 (syn. of *Dist. sim. Rud.?* Ols.).—Nord., 1840, 619 (syn. of *Dist. sim.*).—Odh., 1901, 512.—Rud., 1809a, 370.—Schränk, 1788, 19.—Type of *Sinistroporus* 1904.
- ægyrefini* Bosc, 1802a, v. 1, 272, misprint for *æglefini*.
- ægyptiaca* (Looss, 1896) Sons., 1896, 112; 1896, 1.—Braun, 1903, 3 ed., 152.—Looss, 1899b, 557; 1902m, 782, 783 (syn. of *F. gigantea*).—Ward, 1903, 866.
- alata* (Goeze, 1782) Rud., 1793a, 31; 1795a, 15; 1802, 84–85; 1809a, 403 (to *Dist.*).—Brand., 1888a, 9–60 (to *Hemist.*).—Dies., 1850a, 308 (to *Hemist.*).
- alosa* Hermann, 1783a, 46, pl. 2, fig. 8a–b (in *Maifisch im Rhein*, *Clupea alosa*).—Baird, 1853a, 54, syn. of *Dist. appendiculatum*.—Dies., 1850a, 370 (syn. of *Dist. appen.*).—Rud., 1809a, 401, 437 (= *Dist. clupeæ rhenanæ*).



## FASCIOLA—Continued.

- americana* Hass., 1891c, 539 (carnosa renamed) (in *Bos taurus*, U. S. A.).—Leuck., 1892b, 797.—Stiles, 1898a, 49.—Ward, 1895, 253 (syn. of *F. magna*), 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*); 1903, 866 (syn. of *F. magna*).
- anatis* (Schrank, 1788) Gmelin, 1790a, 3055 (based especially upon a parasite (Plan. teres pro parte Gœze, 1782a, 174, pl. 13, figs. 8–11) from *Anas boschas domestica* and made to include *Cuculanus conoideus* Bloch, 1782a, and *Hirudo fasciolaris* Mueller).—Bosc, 1802a, v. 1, 269–270.—Dies., 1850a, 383 (syn. of *Dist. echinatum*).—Rud., 1809a, 418, 431–432 (*anatis* Bruguière, 1791 = *anatis domestica*).—Stoss., 1892, 167 (syn. of *Echinost. echinatum*).
- anguillæ* Gmelin, 1790a, 3056 (refers to *Leeuwenhoek arc. nat.*, p. 316, fig. 6) (in *Anguilla*).—Bosc, 1802a, v. 1, 272.—Dies., 1850a, 340 (syn. of *Dist. polymorphum*) (in *Anguilla vulgaris* (Leeuwenhoek), May, August; Greifswald).—Lamarck, 1816, 182.—Nord., 1840, 618 (syns. *Dist. polymorphum* and *D. anguillæ*).—Rud., 1809a, 363.
- angulata* Mueller, 1774, 58–59 (in fundo arenareo oceani).—Fabricius, 1798, 53 (to Plan.).—Verrill, —, — (to *Amphiporus*).
- angusta* (Rail., 1895) Loos, 1899, 557.—Braun, 1903, 3 ed., 152, fig. 98 (Gouvea's case in French naval officer at Rio; had been in Senegambia) thinks = *ægyptiaca*.—Loos, 1899b, 557; 1902m, 782, 783 (syn. of *gigantea*).—Ward, 1903, 704; 1903, 864, 866.
- anseris* Gmelin, 1790a, 3055 (*F. verrucosa* Frølich, 1789, renamed; in *Anser domesticus*; Europe).—Baird, 1853a, 45.—Ben., 1858a, 1861a, 78 (syn. of *Monost. verrucosum*).—Bosc, 1802a, v. 1, 270.—Dies., 1840, 234; 1850a, 411 (syn. of *Notocotyle triseriale*).—Nord., 1840, 602 (syn. of *Nocotylus triserialis*).—Odhn., 1905, 366 (syn. of *Catatropis verrucosa* [type]).—Rud., 1809a, 331.
- apiculata* Rud., 1803, 31–32, *Dist. stridulæ* Reich, 1801, renamed; 1809a, 423, to (*Echinost.*).—Dies., 1850a, 386.
- appendiculata* Rud., 1802, 78–79, pl. 2, figs. 6a–b (nec Frølich, 1802) (in *Clupea alosa*; Europe); 1809a, 400.—Baird, 1853a, 54.—Dies., 1850a, 370.—Luehe, 1901, 396.—Stiles & Hass., 1898a, 90, 96 (type of *Hemius*).
- appendiculata* Frølich, 1802, 56–58, pl. 2, figs. 8–9 (nec Rud., 1802) (in *Anas boschas*; Europe).—Dies., 1850a, 346 (syn. of *Dist. oxycephalum*).—Hahn & Lefèvre, 1884a, 516 (syn. of *Dist. oxyceph.*).—Rud., 1814a, 105, renamed *Dist. papillatum*.
- apri*, see sub *F. hepatica*.
- ardeæ* Gmelin, 1790a, 3055 (in *Ardea stellaris*, int.; Europe).—Dies., 1850a, 388 (syn. of *Dist. ferox*).—Bosc, 1802a, v. 1, 270.—Rud., 1809a, 432.
- armata* Rud., 1793a, 26, *F. putorii*, 1790, renamed; 1802, 88–90; 1809a, 416.—Dies., 1850a, 382 (syn. of *Dist. trigonocephalum*).
- atomon* Rud., 1802, 70 (in *Pleuronectes flesus*; Greifswald); 1809a, 362.—Dies., 1850a, 340 (to *Dist.*).—Odhn., 1901, 506; 1905, 320 (to *Podocotyle* [type]).
- barbata* Linn., 1761, 505 (in *Loligo*; Sweden).—Abildg., 1790, 38.—Baird, 1853a, 115 (to *Tetrabothriorhynchus*).—Braun, 1893a, 883.—Dies., 1850a, 573 (syn. of *Tetrabothriorhynchus migratorius*).—Fabricius, 1780, 328–329.—Herbst, 1787a, 32.—Luehe, 1905, 334 (= *Tetrarhynchus*).—Mueller, 1776, 223; 1780, 203.—Pallas, 1781, 109.—Rud., 1809a, 441; 1810a, 385; 1819a 130 (syn. of *Tetrarhynchus megabothrius*).—Sieh., 1850, 232 (syn. of *Tetrarhynchus macrobothrius*).—Vaullegeard, 1899, 167.
- bergi* Par., 1900, 193–194, 1 fig. (in *Rana platana*; Montevideo).
- [*bilamellata* Pallas, 1774, 20 (“*Fasciolæ bilamellatæ Linnæi*”).]
- bilis* (Braun, 1790) Gmelin, 1790a, 3054 (in *Falco melanaëtus*.—Bosc, 1802a, v. 1, 269 (billis).—Dies., 1850a, 376 (syn. of *Dist. crassiusculum*).—Rud., 1809a, 408.
- billis* Bosc, 1802a, v. 1, 269, for *bilis*.
- binodis* Mueller, 1776, 224 (in fish); 1779a, 69 [pl. 30, fig. 8]; 1788, 34–35.—Bosc, 1802a, 271–272.—Bruguière, 1791, pl. 79, fig. 24.—Dies., 1850a, 379 (to *Dist.*).—Gmelin, 1790a, 3056.—Herbst, 1787a, 33.—Rud., 1809a, 439.—Schrank, 1788, 20.

## FASCIOLA—Continued.

- blennii* Mueller, 1776a, 224 [in *Blennius viviparus*]; 1777, v. 1, 32, 33, pl. 30, fig. 5, v. 2, 53, pl. 78, figs. 9–12 (in *Cottus scorpius* and *Blennius viviparus*); 1779a, 64, 66 [pl. 30, fig. 5]; 1780, 217; 1784, 116, pl. 28, figs. 9–14.—Bosc, 1802a, v. 1, 272.—Bruguière, 1791a, pl. 79, figs. 16–18.—Dies., 1850a, 344 (syn. of *Dist. divergens*).—Gmelin, 1790a, 3057.—Herbst, 1787a, 33.—Lamarck, 1816, 183.—Nord., 1840, 619 (syn. of *Dist. divergens* Rud.).—Rud., 1793a, 30; 1809a, 371.—Schränk, 1788, 19.
- boschadis* Schränk, 1803, 209.
- boum* Gmelin, 1790a, 3054, see sub *hepatica* boum.
- bramæ* Mueller, 1776, 224, v. 1, 33, pl. 30, fig. 6 (in *Cyprinus brama*; intest. Norway, Denmark); 1779a, 66 [pl. 30, fig. 6].—Bosc, 1802a, v. 1, 274.—Bruguière, 1791, pl. 79, fig. 19.—Cobbold, 1858b, 157.—Dies., 1850a, 341 (syn. of *Dist. globiporum*).—Gmelin, 1790a, 3058.—Herbst, 1787a, 33.—Looss, 1894a, 41 (syn. of *Dist. gl.*); 1902m, 757 (and *Dist. gl.*), 758, 760 (perhaps an *Allocreadium*, *Bunodera*, or *Asymphyllodora*), 763, 765.—Nord., 1840, 619 (syn. of *Fasc. globifera*).—Rud., 1809a, 364.—Schränk, 1788, 20.—Sramek, 1901, 107 (syn. *Dist. gl.*).—Stiles, 1901, 168, 169, 192.—Stiles & Hass., 1898a, 94, 95, 97 (= *globipora*, type of *Sphærost.*).
- brunnea* Mueller, 1774, 54.—Johnston, 1865, 9.
- buchholzii* “Jørdens, 1801,” of Braun, 1889a, 320 (lapsus for “*Fasc. hepatica*, ovata plana, Buchholzii” = *Dicrocoelium lanceatum*).—Stiles, 1898a, 55.
- buteonis* Gmelin, 1790a, 3054 (in *Falco buteo*) based on Gœze, 1782a, 85.—Bosc, 1802a, v. 1, 269.—Rud., 1809a, 430 (= *Dist. buteonis* (in *Falco buteo*)).
- candida* Mueller, 1774, 71 (in littore Grœnlandiæ sub lapidibus).—Verrill, — (? syn. of *Tetrastemma candidum* (F.) Oersted).
- capitata* Mueller, 1774, 70.
- carnosa* Hass., 1891a, 208–209, 1 fig. (in *Bos taurus*; U. S. A.): 1891b, 464–465; 1891c, 359 (syn. of *F. americana*).—Huber, 1896a, 575, 576.—Leuck., 1902b, 797, 798.—Stiles, 1898a, 49.—Ward, 1895, 253 (syn. of *F. magna*), 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*); 1903, 866 (syn. of *F. magna*).
- caudata* Mueller, 1774, 70.—Buttel-Reepen, 1902, 166, 170, pl. 6, fig. 6.—Schränk, 1803, 171 (= *Plan. acuminata*).—Sławikowski, 1819, 38.
- caudata* Bosc 1802a, v. 1, 271, pl. 9, fig. 6 (nec Mueller, 1774) (in dorade=? *Chrysophys aurata*: *Coryphæna hippurus*).—Dies., 1850a, 373 (syn. of *Dist. tornatum*); 1859c, 431 (syn. of *D. tornatum*).—Rud., 1809a, 436 (= *Dist. coryphæne*); 1819a, 685.
- cervi* (Schränk, 1790) Zed., 1790, 65–74, pl. 3, figs. 8–11.—Dies., 1836, 247; 1850a, 401 (syn. of *Amphist. conicum*).—Fischder., 1903h, 504 (type of *Paramphist.*), 506 (in *Cervus elaphus*).—Rud., 1809a, 351.—Schränk, 1803, 214.—Stiles, 1898a, 64.—[Type of *Paramphist.* 1901.]
- ciliata* Mueller, 1774, 55 (free form).
- cincta* Rud., 1803, 31 (in *Tringa vanellus*); 1809a, 422, to *D.* (*Echinost.*).—Dies., 1850a, 386 (to *Dist.*) (in *Vanellus cristatus*, V. *melanogaster*).
- [*cinerea* (anatomical term).]
- cirrata* [Rud., 1802 (see *Dist. cirratum*)]; 1809a, 376 to *Dist.*—Dies., 1850a, 350 (to *Dist.*) (Griefswald, June).
- cirrata* Rud., 1802, v. 3 (1), 66–67, pl. 2, fig. 4 (in *Corvus frugilegus*).—Braun, 1902b, 43 (syn. of *Plagiorchis cirratus*).
- clavata* Menzies, 1791, 187–188, pl. 17, fig. 2 (in *Scomber pelamys*; Pacific) [type of *Hirudinella*, 1828]; 1794, 58–59, pl. 8, fig. 2.—Baird, 1853a, 59.—Blainv., 1824a, 518 (“*hirudinelle*”); 1828, 586.—Buttel-Reepen, 1900a, 586; 1902, 166, 168, 178, pl. 6, fig. 3.—Cobbold, 1879b, 459.—Darr, 1902, 663.—Dies., 1850a, 366 (to *Dist.*); 1859c, 431 (*Dist. clavata* Rud., partim).—Rud., 1809a, 391.—Stiles, 1901, 192.
- clupeæ* Schränk, 1788, 20 (in rheinischen Mayfische).—Baird, 1853a, 54.—Dies., 1850a, 370 (syn. of *Dist. appendiculatum*).—Rud., 1809a, 437.
- collurionis* Schränk, 1790, 123 (in *Lanius collurio*); 1803, 211.—Dies., 1850a, 396 (to *Dist.*) (in *Lanius collurio*).—Rud., 1809a, 430 (to *Dist.*).

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- colubri* Bosc, 1802, v. 1, 271, pl. 9, figs. 1–3 (in couleuvre d'Amérique).—Cobbold, 1859d, 364 (syn. of *Dist. bosci*).—Dies., 1850a, 398 (syn. of *Dist. colubri americani*) (in *Coluber sp. americana*).—Rud., 1809a, 434 (to *Dist.*).
- colymbi immeris* Viborg, 1795, 241 [*"Fasciola s. Ligula"*].—Dies., 1850a, 579.—Rud., 1810a, 27 (to *Ligula*).
- coryphæna* Bosc, 1802a, v. 1, 271, pl. 9, fig. 5 (in dorade).—Baird, 1853a (= *Hirudinella clavata*), 59.—Buttel-Reepen, 1902, 166, 168, 170, pl. 6, fig. 5.—Dies., 1850a, 373 (syn. of *Dist. tornatum*); 1859c, 431.—Rud., 1809a, 436 to *Dist.*; 1819a, 685.
- coryphæna hippuridis* Tilesius in litteris Rud., 1809a, 436 (syn. of *D. coryphæna*), 437.—Baird, 1853a, 59 (= *Hirudinella ventricosa*).—Buttel-Reepen, 1902, 166, 168.—Cobbold, 1879b, 461.—Dies., 1850a, 373 (syn. of *Dist. tornatum*).
- crassa* Rud., 1793a, 27 (= *Fasc. melis* Gmelin, renamed).
- crenata* Rud., 1802, 76–78, pl. 2, fig. 5, a–b (in *Gasterosteus aculeatus*, *Pleuronectes maximus*); 1809a, 404 (in *Gast. acul.*, *Pleur. max.*).—Baird, 1853a, 54 (= *Dist. appendiculatum*).—Dies., 1850a, 371 (syn. of *Dist. app.*).—Lander, 1904a, 1 (to *Hemiusurus*).—Luehe, 1901, 399, 400.—Odhn., 1905, 352 (type of *Brachyphallus*).
- crenata* Frølich, 1802a, 60–62, pl. 2, figs. 10–11 (nec Rud. (in *Fulica chloropus*)).—Dies., 1850a, 384 (syn. of *Dist. uncinatum*) (in *Gallinula chl.*, May & July).—Rud., 1814a, 102 (= *Dist. unc.*).
- crenata* Mueller, 1774, 64 (nec Rud., nec Frølich).
- cucumerina* Rud., 1804, 166 (in liver of *Pleuronectes maximus*).
- cygnoides* Schrank, 1803, 212.
- cylindracea* (Zed., 1800) Rud., 1802, 83–84; 1809a, 393 (in *Rana esculenta*, *R. temporaria*).—Lamarck, 1816, 183.—Looss, 1894a, 64 (to *Dist.*).—Nord., 1840, 620 (to *Dist.*).—Stiles & Hass., 1898a, 84.
- cyprini carassii* Viborg, 1795, 242.
- delicatulum* (Rud., 1809) Blainv., 1828a, 585.
- denticulata* Rud., 1802, 91–92, pl. 2, fig. 8, a–c (in *Sterna hirundo*); 1809a, 424.—Dies., 1850a, 392 (to *Dist.*).
- disticha* Mueller, 1776a, 224; 1788, 35, pl. 30, fig. 9; 1779a, 69, pl. 30, fig. 3 [sic] = fig. 9.—Bosc, 1802a, v. 1, 272.—Bruguère, 1791a, pl. 79, fig. 25.—Dies., 1850a, 378 (to *Dist.*).—Gmelin, 1790a, 3056.—Herbat, 1787a, 33.—Rud., 1809a, 367, 440 (to *Dist.*).—Schrank, 1788, 20; 1803, 212–213.
- echinata* Nord., 1840, 621 (syn. of *F. trigonocephala*).
- elaphi* Gmelin, 1790a, 3054 (*Festucaria cervi*, renamed) (in *Cervus elaphus*).—Bosc, 1802a, v. 1, 269. Dies., 1836, 247; 1850a, 401 (syn. of *Amphist. conicum*).—Fischder., 1903h, 504 (syn. of *Paramphist. cervi*), 506.—Nord., 1840, 627 (syn. of *Amphist. con.*).—Rud., 1809a, 350.—Stiles, 1898a, 64.—Ward, 1895, 256 (syn. of *Amphist. conicum*), 332 (in *Bos taurus*), 335 (in *Ovis aries*).
- elegans* Rud., 1802, 65–66 (in Sperling, Greifswald).—Braun, 1902b, 38 to *Plagiorchis*.—Dies., 1850a, 350 (to *Dist.*).—Rud., 1809a, 375.
- epatica* Rosa, 1794, 5, dell' *Ardea purpurea*.—Braun, 1900h, 19 (? syn. of *Clinost. heterost.*).—Dies., 1850a, 353 (syn. of *Dist. heterost.*).
- epatica* Brera, 1809a, 92–98, pl. 1, figs. 24–25.—Sons., 1884, 21.—For *hepatica*.
- equi* Gmelin, 1790a, 3054. var. of *Fasc. hepatica*.
- eriosci* Mueller, 1784, 92, pl. 72, figs. 4–7; 1788, 42, pl. 72, figs. 4–7 (in *Salmo eriox*).—Bosc, 1802a, v. 1, 274.—Bruguère, 1791a, pl. 80, figs. 3–4.—Dies., 1850a, 363 (syn. of *Dist. hyalinum*).—Gmelin, 1790a, 3057.—Harz, 1881c, 5 (syn. of *D. hyalinum*).—Lamarck, 1816, 183.—Nord., 1840, 619–620 (includes *D. hy.*, *D. rosaceum*, *D. perlatum*).—Rud., 1809a, 389.
- excavata* Rud., 1803, 28–29 (in Storch, *Ardea ciconia*; Greifswald); 1809a, 399.—Dies., 1850a, 309–310 (to *Hemist.*).
- excisa* (Rud., 1819) Blainv., 1828a, 586.
- farionis* Mueller, 1784, 91, pl. 72, figs. 1–3 (in *Salmo fario*); 1788, 42, pl. 72, figs. 1–3.—Bosc, 1802a, v. 1, 274.—Bruguère, 1791a, pl. 80, figs. 1, 2.—Dies., 1850a, 380 (syn. of *Dist. laureatum*).—Frølich, 1802a, 62–63, pl. 2, figs. 4, 5.—Gmelin, 1790a, 3058.—Knoch, 1862, 19.—Nord., 1840, 621 (syn. of *F. laureata*).—Odhn., 1905, 353.—Rud., 1809a, 413; 1814a, 102 (syn. of *Dist. laureatum*).

## FASCIOLA—Continued.

- ferox* Rud., 1795a, 15–17 (in *Ardea ciconia*; Greifswald); 1802, 90–91; 1809a, 426 to D. (Echinoest.).—Dies., 1850a, 388 (to Dist.).—Nord., 1840, 622 (syn. of *Fasc. trigonocephala*).
- fimbriata* Goeze, 1782a, 180, pl. 15, figs. 4–5.—Abildg., 1790, 32 (cf. *Phylline*).—Baird, 1853a, 97 (syn. of *Caryophyllæus mutabilis*).—Ben., 1858a, 1861a, 115 (syn. of *Car. mutab.*).—Braun, 1894.—Dies., 1850a, 577 [*Fasciolaria*].—Nord., 1840, 633 (syn. of *Car. piscium*).—Rud., 1810a, 9 (= *Car. mut.*).
- flaccida* Mueller, 1774, 57–58 (free form).
- furcata* (Bremser, 1819) Blainv., 1828, 586.
- fusca* Pallas, 1774, 21–22, pl. 1, fig. 13, a–b (in aq. stag.; Europe).
- fusca* Bosc, 1802a, v. 1, 271, pl. 9, fig. 4 (in dorade) [not Pallas, 1774].—Baird, 1853a, 59 (= *Hirudinella ventricosa*).—Buttel-Reepen, 1902, 166, 168, 170, pl. 6, fig. 4.—Cobbold, 1879, 459, 460, 461.—Darr, 1902, 664.—Dies., 1850a, 366 (syn. of *Dist. clavatum*); 1859c, 431.—Herbst, 1787a, 36.—Poirier, 1885, (to Dist.).—Rud., 1809a, 436.
- gibbosa* Rud., 1802b, 81–82, pl. 2, fig. 7 (in *Esox belone*); 1809a, 399 to Dist.—Odh., 1905, 356 (to *Lecithaster*).
- gigantea* (Dies., 1858) Cobbold, 1858; 1860a, 4 (in *Camelopardalis giraffa*); 1864, 161 (see *F. gigantea*); 1876, 303; 1879b, 25, 322, 421.—R. Bl., 1895, 733–734 (includes *F. hepatica* var. *angusta*); 1900, 488.—Braun, 1893a.—Dies., 1858.—Fitz, 1876b, 514.—Gervais et Ben., 1858.—Hoyle, 1890, 539.—Leuck., 1863; 1879–93.—Looss, 1899b, 557; 1902m, 782, 783 (syns. *gigantica*, *angusta*, *ægyptiaca*).—Sons., 1889, 275; 1890; 1896, 113, 114.—Stiles, 1895, 139–143, pl. 5 (includes *Dist. hepaticum* pars Gervais & Ben.); 1898a, 49.—Stoss., 1892, 9 (to *Cladocelum*).—Also reported for *Bos taurus*.
- gigantica* Cobbold, 1858a, 262–266, pl. 7, figs. 1–15 (in liver of *Giraffa camelopardalis*); 1858b, 3–7, pl. 7, figs. A. B., 1–15; 1856a, 108–109; 1858b, 167; 1860a, 4.—Braun, 1903, 3 ed., 152 (places Gouvea's (1895) case here); 1906, 157 (in giraffe).—Dies., 1858e, 332 (to Dist.).—Stiles, 1898a, 23, 29, 48, 49, 50, 51, 137, 140, 141, fig. 27.—Ward, 1903, 866 (closely related to *F. angusta*).
- glauca* Mueller, 1774, 60.
- globifera* Lamarck, 1816, 182 for *globipora* 1802.—Baird, 1853a, 53.—Lamoureux, 1824a, 563.—Nord., 1840, 618–619 (includes *Dist. globiferum*, *D. globiporum*, *Fasc. bramæ*).
- globipora* Rud., 1802, 72–74 (in *Cyprinus erythrophthalmus*); 1809a, 365.—Dies., 1850a, 341 (to Dist.).—Looss, 1894a, 41 (to Dist.); 1902m, 763.—Stiles, 1901, 168, 169, 192.—Stiles & Haas., 1898a, 95 (type of *Sphærostoma*).
- grossa* Mueller, 1774, 67.—To *Planaria* in 1776.
- gruis* Gmelin, 1790a, 3055 (in *gruis*).—Baird, 1853a, 55 (= *Dist. echinatum*).—Bosc, 1802a, v. 1, 270.—Dies., 1850a, 383 (syn. of *Dist. echinatum*).—Rud., 1809a, 432.
- gulo* Mueller, 1774, 56 (free form).—Schränk, 1803, 166 (to *Plan.*).
- halecis* Gmelin, 1790a, 3058 (in *halece*).—Dies., 1850a, 372 (syn. of *Dist. ocreatum*).—Mont., 1891, 496.—Rud., 1809a, 398 (syn. of *D. ocr.*).
- helluo* Mueller, 1774, 64–65.—Johnston, 1865, 13.—Schränk, 1803, 169 (to *Plan.*).
- hepatica* Linn., 1758a, 648–649 (in *aquis dulcibus ad radices lapidum, inque hepate pecorum*. Diss. de *Ovibus*; Europe); 1761, 505; 1766, 1077; 1792, 3053–3054; 1801, 33–34.—Abildg., 1790, 36 (to Dist.).—Adams, 1887, 318.—Adenot, 1863, 112.—Aitken, 1866, 804, 839; 1872, 146, 205; 1874, 58.—Aldrovandus, (1602).—Anaker, 1892c, 94.—Andral, 1829d, 615.—Andry, 1701, 121–122.—Ariola, 1900, 426 (of Linn., 1735, syn. of *Schistocephalus dimorphus*).—Armatage, 1895, 429, 430, 432, 433, 440.—Australian Pastoralists Rev., 1896, v. 5, 610–611.—Baillet, 1866b, 15, 18, 90, 99 (to Dist.).—Baird, 1853, 49 (pars = *Schistocephalus dimorphus*).—Barbut, 1783, 14–15, pl. 2, fig. 1.—Bauhin, (1677).—Ben., 1858a, 1861a, 172.—Bert & R. Bl., 1885, 585–586, fig. 539.—[Bidloo, 1698a.].—[Biggs, 1890a, 36–37.].—Blainv., 1828, 585.—[Blakeway, 1879a.].—E. Bl., 1847, 279–291.—R. Bl., 1888a, 543 (to Dist.). 602 (of Bloch, 1782, syn. of *Dist. lanceolatum*); 1890, 66–75, figs. 28–33; 1894g, 461–462; 1894h; 1895, 730–733, figs. 78–79; 1900g, 488.—Bloch, 1782a, 5–6, pl. 1, figs. 3–4.—Blumenbach, 1825a, 241.—[de Bonis, 1876a, 155.].—Borlase, 1758a.—Bosc [1802a], v. 1, 268.—[Bonvicini, 1881a, 133–134.].—Braun, 1893a, 883;

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1893b, 180; 1900h, 9; 1901e, 327; 1903, 3 ed, 147–151, figs. 92–97 (syns. Dist. hep. Retz., Fasc. humana Gmelin, Dist. cavie, Cladocœlium hep. Stoss), 150; 1906, 140, 142, 143, 145, 150–156, 157, figs. 74, 77, 81, 83–88.—Brett, 1881b, 139–142.—[Brown, 1881a; 1882b; 1886b.]—Bruguière, 1791, pl. 79, figs. 1–8.—[Bruck, 1865a, 33–35.]—de Bry, 1879.—Chabert, 1787a, 25 (63–64); 1791, 152.—Civini, 1842.—Clerc, 1907, 557, 558.—Cobbold, 1855a; 1855b, 3, 4, 6; 1866, 6; 1872b, 91; 1876, 210, 211, 303; 1879b, 14, 25, 28, 48, 50, 315, 317, 318, 322–331, 356, 404, figs. 17, 61; 1882, 699–704, pl. vi, figs. 2–8; 1883v, 500; 1884g, 976.—Cuvier, 1798, 633–634; —, v. 2, 339; 1817a, 41–42; 1830, 263–264; 1831a, 364.—Daldorf, 1793, 159 (hepatum).—Dandolo, 1806, 28 pp.—Darr, 1902, 649, 652, 657, 663, 684, 687.—[Daubenton, 1750–52.]—Dav., 1877a, 2 ed., lxxv, figs. 36–38.—[Delafond, 1854a, 3–56, figs. 12–13.]—Delorme, 1861, 241.—Desmarns, 1762.—[Dickens, 1830a, 645–647.]—[Didry, 1832a, 139–147.]—Dies., 1850a, 332 (to Dist.), 333 (of Bloch, syn. of Dist. lanceolatum), 401 (of Mueller, syn. of Amphist. conicum), 584 (pars of Linn., syn. of Schistocephalus dimorphus).—Dinwiddie, 1892a, 3.—Dowker, 1882a, 10, 11, 12, 13, pl. 1, fig. B. 1, pl. 2 E, figs. 1–2.—Drosse (1856a).—Dunglison, 1893a, 424, 821.—Eber, (1798a), 22.—[Ellis, 1749.]—[Faber, 1670, 147.]—Fabricius, 1780, 327–328 (in sheep); 1794, 29.—Fil., 1854a, 27.—Fischder., 1903h, 504 (of Mueller, syn. of Paramphist. cervi).—La Fosse, 1772, 157; 1774, 320; 1779, 139.—Frelich, 1802a, 55–56.—Gabucinus, 1597.—Galli-Valerio, 1898b; 1898c, 7, 8.—Gamb., 1896a, 67.—[Gemma, 1575a, 40.]—Gerlach, 1854; 1862.—[Geenerus, 1551.]—Giard & Billet, 1892a, 613.—Gmelin, 1790a, 3053–3054.—[Gœze, 1782a, 169–172, pl. 14, fig. 1.]—Gomy, 1897a, 374.—Gurtl, 1849a, 120.—Hahn & Lefèvre, 1884a, 516 (to Dist.).—Haldemann, 1851, 46, pl. 77, fig. 30.—[Hamont & Fischer, 1834a; (1834b).]—Harley, 1876, 255–256, figs. 208, 209.—Harrop, 1870a, 12–16 (heptica).—[Heide, 1686–1688, 46–47 (in sheep).]—Herbst, 1787a, 31–32, pl. 4, figs. 1–2 [=Dicrocœlium lanceatum].—Hodgson, 1838a, 528–538.—Hoyle, 1890, 535–540.—Huber, 1896, 574.—[Huzard & Desplas, 1797a, 10.]—[Huzard & Tessier, 1817a.]—Jaksch, 1889a, 186.—[Joseph, 1883e, 171–172; 1883f, 322–323.]—Khouri, 1904, 78 (as cause of halzoun, at Liban).—King, 1836a, 95–101.—Kingsley, 1885, 191–194, figs. 168–174.—Klencke, 1844, 420 pp.—Kowal., 1902, 26, 8.—Kriwonogow, 1886.—[Kulmus, 1721, 596.]—Lamarck, 1801a, 333.—[Lamouroux, 1824a, 560, 561, 562, 563.]—Lander, 1904a, 10.—Laveran & R. Bl., 1895, 8–33, 186–188.—[Leeuwenhoek, 1715, 1–33, 14 figs.]—Leuck., 1879, 33; 1886, 25; 1892b, 798.—Looss, 1899, 557, 742; 1902m, 782; 1905, 110; 1907, Feb. 1.—Luehe, 1901, 167; 1902, 224; 1905, 334.—Marshall, J. T., (1883), 10 (=a parasite of Limnea truncatula).—Marshall, W., 1887.—Martens, 1824.—Mojkowski, (1888a); 1888b, Mar., 118.—Moniez, 1896, 86, 90–114, 115, 118, 119, 121, 150, 158, figs. 19, 20, 22, 23.—Mueh., 1898, 10.—Mueller, O. F., 1774, 52–53; 1776; 1782.—Mueller, P. L., 1775, 42–43.—Neumann, 1888, 507–564, figs. 229–238; 1892, 504–528, figs. 271–281; 1892, 517–543, figs. 271–281.—[Nichols, 1755, 246–248.]—Nord., 1840, 618.—Odh., 1905, 338–339, 340, 344.—Ols., 1876, 13.—Otto, 1816, vii.—Pallas, 1760; 1768, 269–271; 1781, 79.—Parkes, 1891, 79.—Par., 1887, 489.—Perroncito, 1882, 273–276, figs. 115–116.—[Pecquet, 1668.]—Poir., 1883, 74.—Pratt, 1898, 357.—Rail., 1899, 345.—Rail. & Marotel, 1898, 34, 37.—[Redi, 1684, 133; 1729.]—Roger, 1901, 94, 95.—[Romberg, 1706, 69–70.]—Rozier, 1774.—Rud., 1793a, 28–29; 1802, 62–64 (cf. lanceolata); 1804, 165; 1805, 37–38, a. hominis, b. equi, c. tauri; 1809a, 350, 353; 1810a, 57 (pars syn. of Bothriocephalus solidus).—Ruyech, 1737, 23.—[Schæffer, 1726, 57.]—Schrank, 1788, 17; 1803, 210.—Schwarze, 1885, 41.—Shaw, 1901, 1027.—Sieb., 1845, 223.—Simon, 1897, 222.—Simonds, (1862), 21.—Smith, Wm. A., 1863, 35–36, fig. 7.—Sons., 1878, 615 (epatica); 1884, 59, 61; 1889, 275; 1891, 254; 1896, 112–116; 1896, 4 pp., varieties of; 1896, 295, 302, 303, 315; 1897, 250, 251, 252.—Spengel, 1905, 270.—Steel, 1881, 204 (in cattle).—Stewart, 1898, 328–331, figs. 9–17.—Stieda, 1867, 52–59, pl. 2.—Stiles, 1896, 205; 1898a, 22, 29, 30, 31, 32, 33, 34, 35, 37, 38, 41, 42, 43, 45, 51, 52, 53, 55, 56, 57, 137, 138, 139, 140, 141, 142, 143, figs. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17; 1901, 177; 1901, 180; 1901d; 1901e; 1902, 204; 1902, 220, 221, 222; 1903, 884.—Stiles & Hass., 1898a, 88, 89, 97.—Stoss., 1892, 7 (to Cladocœlium).—Sweiten [1758, 89].—[Thomson, 1855, 188.]—Turton, 1807.—Tyson, 1903, 3 ed., 1180 (to Dist.).—Verrill, 1870, 170, 176, 177, 178, 213, 214.—Veterinarian, 1879, v. 52, 738–741.—Walter, (1866), 63–64.—Ward, 1895, 246–252, pl. 1, figs. 1–13, 253 (in part of Dinwiddie, 1889, to Fasc. magna), 256 (syns. Planaria latiuscula Gœze, Dist. hep. Abildg., Fasc. humana Gmelin,

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- F. lanceolata* Rud., 1803, *Fasciolaria hep.*, *Distomata hominis* Taylor, *Dist. caviæ* Sons.; 1903, 704, 706; 1903, 863, 864, 865 (syns. *Dist. hep.* Retzius, *Fasc. humana* Gmelin, *Dist. caviæ* Sons., *Cladocœlium hep.*), 866 (syn. probably *Hexathyridium venarum*), 867, 870, 871.—[Wepfer, 1716.]—Wernicke, 1886, 304.—[Willius, 1674–1675.]—*Ztschr. f. mikr. Fleischschau*, Berl., 1880.—Zuern, 1882, 207, pl. 4, figs. 5–8.
- , *hepatica*, anatomy of: Jackson, 1888, 643–645, 649, 651, 652, 653.—Ramdohr, 1814, 128–131 (in sheep).—See also foregoing entries.
- , bibliography of: Hass., 1894b, 407–417, 457–462.
- , development of: Brown, 1882b, 624–630.—Rossouw, 1895, 578–579 (origin of).—Schubmann, 1905, 571–606, figs. 1–51; 1905, Oct. 10, 564–565; 1905, Oct. 18, 597.—Sons., 1884, 315; 1884, 76–77.—Thomas, 1881, Aug., 543–547; 1881, Sept., 629–633; 1881, Oct., 705–714; 1881, 740–741; 1881, Nov., 776–782; 1881, Dec., 847–853; 1881, v. 17, 1–29; 1882, Oct. 19, 606–608; 1882, v. 18, 439–455, figs. 1–6; 1882, Dec., 388–393; 1883, Mar., 180–189; 1883, May, 338–343; 1883, June, 404–409, figs. 1–6; 1883, July, 469–470 (and prevention); 1883, Aug., 550–557; 1883, Sept., 621–633; 1883, Oct., 681–690, figs. 1–20; 1883, v. 17, Oct., 270–286, figs. 1–18; 1883, v. 19 (37), 276–305, figs. 1–20; 1883, Nov., 344–352, fig. 19.—*Veterinarian*, Lond., 1880, May, 332–333; 1881, June, 390–392.—See also life cycle of.
- , embryo of: Baillet, 1879a, 197–215, figs. 1–11; 1880a, 19 pp.
- , geographic distribution of: Rail., 1895, 338–340 (var. in Senegal).—Rolleston, 1880b, 400–405.
- , histology of: Harley, 1876a, 255–256, figs. 208–209.
- , intermediate host of: Cobb, 1898c, 36–38, 2 figs.—Fielder, 1896a, 24–28, 139–140, 146–147, figs. 1–7.
- , in various animals: [Frommann, 1688c, 252–259; 1755a, 291–294].—In cattle: Cocu, 1897a, 369–371 (heart); 1898b, 98 (heart).—Galli-Valerio, 1901c, 364.—[Hutcheon, 1893h, 347 (death).]—Mills, 1876.—Morot, 1890, 191–193 (erratic).—Rail., 1897, July 30, 369–371 (heart).—Rail. & Morot, 1885, 285 (lungs).—Ward, 1895, 332 (biliary ducts).—Horse: Adams, 1876, 764–765 (India).—Galli-Valerio, 1901c, 364.—Ward, 1895, 338 (biliary ducts).—Man: Ashford, King & Igaravidez, 1904, Dec. 1, 92 (Porto Rico).—Looss, 1905, 88.—Ward, 1895, 238, 246, 328 (biliary ducts).—Wilson, 1880, Nov., 413–417.—Sheep: Camper, 1762a, 304, pl. 4.—Dupuy, 1822a, 29–36.—Galli-Valerio, 1901c, 364.—Halsted, 1883a, 741–748, figs. 1–11.—[Hutcheon, 1889e, 235 (Capetown); 1892m, 141; 1893o, 403–404; 1893r, 425–426].—Morton, 1839, Nov., 735–738, fig. 1.—Rhodesian Agric. J., Cape Town, 1906, v. 3 (5), June, 529.—Ward, 1895, 238–246.—Miscellaneous: [Cadéac, 1885a (*Equus asinus*, female); 1885b (*Equus asinus*, female).]—Cobbold, 1858b, 167 (*Lepus cuniculus*).—Ward, 1895, 238 (man, cattle, sheep, goat, horse, ass, hog, rabbit, cat), 246 (stag, squirrel, elephant), 335 (*Ovis aries*: biliary ducts).
- , life cycle of: Fagge & Pye Smith, 1902, 4 ed., 475 (syn. *Dist. hep.*).—Jackson, 1883a, 248–250.—Thomas, 1883, Jan., 99–133, pls. 2–3, figs. 1–26; 1883, v. 23, 8.—See also development of.
- hepatica ægyptica* (Looss, 1896), Stiles, 1898a, 23, 48, 49, 50, 139, 140, figs. 25–26.—Braun, 1903, 3 ed., 152 (in buffalo, cattle, sheep, goats); 1906, 157 (= *F. angusta* = *F. ægyptiaca*).—Looss, 1902m, 782.—Sons., 1896, 115; 1896, 295.
- hepatica angusta* Rail., 1895, 338–340 (in cattle; St. Louis, Senegal, Africa); 1895, 702.—R. Bl., 1895, 733 (= *F. gigantea*).—Braun, 1903, 3 ed., 151 (cattle, liver); 1906, 156, 158, fig. 89.—Gomy, 1897a, 376.—Looss, 1902m, 782.—Rail. & Gomy, 1899, 349.—Stiles, 1898a, 23, 48, 49, 137, 140, figs. 23, 24.—Sons., 1896, 2; 1896, 113, 115.—*Veterinarius*, 1898, 328.
- hepatica apri* Gmelin, 1790a, 3054 (in *Sus scrofa*; from Le Clerc, 1715a, 119).
- hepatica boum* Gmelin, 1790a, 3054 (in *Bos taurus*; Europe) (= *Planaria latiuscula* Gœze, 1782a, pro parte, renamed = *Fasc. hepatica*).
- hepatica caviæ* Sons., 1896, 112–116; 1896, 4 (in Cavia).—Stiles, 1898a, 48, 139.
- hepatica cervi* Gmelin, 1790a, 3054 (in *Cervus*).
- hepatica equi* Gmelin, 1790a, 3054 (in *Equus caballus*).
- hepatica ovata plana* Buchholzii of Jærdens, 1802a, 64–66, pl. 7, figs. 13–14 (see *Dicrocoelium lanceatum*).

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- hepatica porcorum* Gmelin, 1790a, 3054 (in *Sus scrofa domestica*; Europe) (= *Plan. latiuscula* Goeze, 1782a, pro parte, renamed = *F. hepatica*).
- heterophyes* (Sieb., 1852) Moquin-Tandon, 1860.—R. Bl., 1888a, 625–627 (to Dist.).—Ward, 1895, 328 (in *Homo*).
- hirundinis* Frœlich, 1791, 75–76 (in *Thurmschwalbe*).—Baird, 1853 (syn. of *D. maculosum*).—Braun, 1901, 566; 1902b, 45, 46 (syn. of *Plagiorchis mac.*).—Dies., 1850a, 349 (syn. of *D. mac.*).—Linst., 1901, 197 (syn. of *D. mac.*).—Rud., 1809a, 374.
- humana* Gmelin, 1790a, 3053 (in *Homo*).—R. Bl., 1888a, 543 (syn. of *D. hepaticum*).—Braun, 1903, 3 ed., 147 (syn. of *F. hep.*); 1906, 150, fig. 83 (syn. of *F. hep.*).—Cobbold, 1866, 6.—Dunglison, 1893, 424.—Rud., 1809a, 353.—Stiles, 1898a, 29.—Ward, 1895, 246 (syn. of *F. hep.*), 328 (in *Homo*), 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*); 1903, 865 (syn. of *F. hep.*).
- inflata* Rud., 1802a, 82–83 (in *Cyprinus jesus*); 1809a, 395.—Dies., 1850a, 365 (to Dist.) (in *Leuciscus jesus*; Apr., Greifswald).
- intestinalis* Linn., 1758a, 649 (in *intestinis piscium*); 1761, 505.—Abildg., 1790, 34.—Baird, 1853 (syn. of *Ligula simplicissima*).—Barbut, 1783, 15, pl. 2, fig. 2.—Blumenbach, 1825, 242.—Bosc, 1802a, v. 1, 277 (syn. of *Lig. abdominalis*).—Braun, 1893a, 883; 1900a, 1642.—Bremser, 1819.—Dav., 1877, 260.—Dies., 1850a, 580 (syn. of *Lig. diagramma*).—Goeze, 1782a, 41, 183 (= *a* "Gattung" of Fasc. Goeze).—Herbst, 1787a, 32, 41 (syn. of *Lig. piscium*).—Luehe, 1905, 334.—Montin, 1763a, 113–118; 1766a, 122–127 (in *Homo*) [evidently a tapeworm, det. as *F. i.* Linn.].—Nord., 1840, 590 (syn. of *Lig. cingulum*).—Pallas, 1781, 95.—Rauh, 1779, 11.—Rud., 1810a, 20 (syn. of *Lig. cingulum*), 25 (syn. of *Lig. mergorum*).—Steenstrup, 1857, 186–195 (in *Stichling*); 1858, 298–312; 1859, Dec., 475–485.—Wegelin, 1779, 8.
- intestinalis* Gueldenstädt, (?1791a), 115 (in *Sorex moschatus*).—Dies., 1850a, 617 (syn. of *Cephalocotyleum mygales moschatæ* Rud.).—Rud., 1810a, 24 (= *Ligula soricis moschati*).
- jacksonii* Cobbold, 1869, 48–49, in Indian elephant; 1870, 47–49; 1873, 13; 1875, 733–743; 1879b, 393, 394, 395, 396, 397; 1882, 223–258, pls. 23, 24.—Braun, 1892a, 567, 650, 674, 710 (*jacksonii*); 1893a, 875, 910.—Fitz, 1876a, 513–518; 1876b, 513–518; 1876c, 854 (*jacksonii*).—Jackson, 1847, —.—Linst., 1878, —.—Looss, 1899b (to *Fascioloipsis*).—Sons., 1889, 275 (*jacksonii*); 1896, 114, 115 (*jacksonii*).—Stiles, 1895, 144–147, pl. 6, 213–215; 1898a, 29.—Veterinarian, Lond., 1876, 854 (*jacksonii*).
- jesus* Gmelin, 1790a, 3058 (in *Cyprinus jesus* intest.; Europe).—Bosc, 1802a, v. 1, 275.—Dies., 1850a, 365 (syn. of *D. inflexum* Rud.).—Rud., 1793, 30; 1809a, 372, 395.
- lactea* Mueller, 1774, 61–62 (in rivo sub foliis nymphæ ac in Palustris frequens).—Schränk, 1803, 167 (to *Plan.*).—Johnston, 1865, 10.
- lagna* (Braun, 1788) Gmelin, 1790a, 3057 (in *Perca fluviatilis*).—Baird, 1853a, 57 (syn. of *Dist. nodulosum* Zed.).—Bosc, 1802a, v. 1, 273.—Rud., 1809a, 411 (syn. of *D. nod.*).
- lanceolata* Rud., 1803a, 24–25 (nec Schränk, 1790) (in *Homo*; Europe); 1809a, 353 (syn. of *Dist. hepaticum*).—R. Bl., 1888a, 543 (syn. of *D. hep.*), 602 (syn. of *D. lanceolatum*).—Braun, 1903, 3 ed., 157, 166 (to *Dicrocoelium*).—Dies., 1850a, 333.—Dunglison, 1893, 424 (*lanceolatum*).—Stiles, 1898a, 55.—Stiles & Hass., 1898a, 87 (= *lanceatum*, type of *Dicrocoelium*).—Ward, 1895, 246, 328 (in *Homo*), 332 (in *Bos taurus*), 335 (in *Ovis aries*).
- lanceolata* Schränk, 1790, 123 (in *Cyprinus brama*); 1803, 213–214.—Dies., 1850a, 341 (syn. of *D. globiporum*).
- lanceolata (bramæ)* [Schränk, 1790, 123] of Rud., 1809a, 364 (syn. of *Dist. globiporum*), see *lanceolata* 1790.
- laureata* (Zed., 1800) Rud., 1802a, 86–87; 1809a, 413 (to Dist.).—Blainv., 1824a, 518 (type of *lobostome*).—Dies., 1850a, 380 (to Dist.).—Lamarck, 1816, 184.—Nord., 1840, 621 (includes *F. farionis*).
- linearis* Rud., 1793a, 29 (in *Phasianus gallus*; Greifswald, Oct.); 1802a, 85–86; 1809a, 414.—Dies., 1850a, 380 (to Dist.).—Hass., 1896a, 2, 3 (to *Crossodera*).
- linearis* Mueller, 1774, 67–68 (in *foveis palustribus sylvarum*).—Schränk, 1803, 172–173 (to *Plan.*).

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- linearis longa* Linn., —.—Pallas, 1781a, 95 (in *Cyprinus variis*).  
*lineata* Mueller, 1774, 60–61 (in *littore maris Balthici*).  
*loliginis* Gmelin, 1790a, 3059 [or Fabricius, —.—, 328] (includes *F. barbata* Linn., probably this renamed).—Baird, 1853a, 115 (= *Tetrabothriorhynchus barbatus*).—Dies., 1850a, 573 (syn. of *Tetraboth. migratorius*).—Rud., 1810a, 385.  
*longicollis* Abildg. [1788], 34, pl. 151, fig. A, 1–2 (in *Coluber natrix*).—Dies., 1850a, 348 (syn. of *D. najae*).—Olfers, 1816, 46.—Rud., 1819a, 377 (syn. of *D. najae*).  
*longicollis* Rud., 1809a, 380 (syn. of *Dist. tereticolle*), based on Bloch, 1782a, 6 (syn. *Fasc. lucii* in *Esox lucius*).—Ben., 1858a, 1861a, 100 (to *D. ter.*).—Dies., 1850a, 358 (syn. of *D. ter.*).—Nord., 1840, 619 (syn. *D. ter.*, *F. lucii*).—Lamarck, 1816, 183.—Sramek, 1901, 105.  
*longicollis* Frœlich, 1791, 73–75, pl. 3, figs. 9–11 (in *Cyprinus carpio*).—Dies., 1850a, 341 (syn. of *Dist. globiporum*).—Harz, 1881c, 11 (to *Dist.*).—Looss, 1894a, 41 (syn. of *D. gl.*), 49 (e. p. syn. of *D. isoporum*); 1902m, 763 (and *D. gl.*).—Rud., 1809a, 365 (syn. of *D. gl.*); 1814a, 103.—Stiles, 1901, 168.  
*longicollis (carpionis)*, see *longicollis* (Frœlich).  
*lucii* Mueller, 1776, 224 (in *Lucius, esoph. and stomach*); 1779a, 67–68, pl. 30, fig. 7, in *Esox lucius*; 1780, 136; 1784, 115, pl. 78, figs. 6–8; —.—, vol. 1, 33–34, pl. 30, fig. 7 (ventric. of *Esox lucius*); —.—, vol. 2, 52–53, pl. 78, figs. 6–8; 1780, 203.—Baird, 1853a, 53 (= *D. tereticolle*).—Ben., 1858a, 1861a, 100 (syn. of *D. ter.*).—Bloch, 1779a, 537, pl. 14, figs. 1–4; 1782a, 6–7.—Bosc, 1802a, v. 1, 274.—Bruguière, 1791a, pl. 79, figs. 20–23.—Crep., 1837, 316.—Dies., 1850a, 358 (syn. of *D. ter.*).—Gmelin, 1790a, 3058.—Harz, 1881c, 5 (to *Dist.*).—Herbst, 1787a, 32, pl. 4, figs. 1–4.—Jurine, 1823a, 145–153, figs. 1–5; 1824a, 489–497, figs. 1–5; 1830a, 784–785.—Knoch, 1862, 19.—Looss, 1894a, 5 (syn. of *D. ter.*).—Nord., 1840, 619 (syn. of *F. longicollis*).—Rud., 1809a, 379.—Schränk, 1788, 18.—Sramek, 1901, 105.  
*lucio-perca* Mueller, 1776, 223; 1779a, 64, pl. 30, fig. 2; 1788, vol. 1, 32, fig. 30, fig. 2 (int. *Perca lucio-perca*).—Baird, 1853a, 56 (= *D. nodulosum*).—Bosc, 1802a, v. 1, 273.—Bruguière, 1791a, pl. 79, fig. 13.—Dies., 1850a, 380 (syn. of *D. nod.*).—Gmelin, 1790a, 3057.—Herbst, 1787a, 33.—Looss, 1894a, 33 (syn. of *D. nod.*).—Nord., 1840, 621 (syn. of *F. nodulosa*).—Rud., 1809a, 410.—Schränk, 1788, 18; 1790, 123.—Sramek, 1901, 106 (syn. of *D. nod.*).—Stiles & Hass., 1898a, 84, 85 (syn. of *D. nod.*).  
*lucipetum* (Rud., 1819) Blainv., 1828a, 585.  
*macrostoma* Rud., 1803a, 26–27 (in *Nachtigall*); 1809a, 386.—Blainv., 1828, 585.—Dies., 1850a, 361 (to *Dist.*).—Poche, 1907, 125.—Stiles, 1901, 192.—Stiles & Hass., 1898a, 95, 96 (type of *Urogonimus*).  
*maculosa* Rud., 1802a, 67–68 (*F. hirundinis* Frœlich renamed) (in *Hirundo apus*, *H. rustica*, *H. urbica*); 1809a, 374.—Braun, 1902b, 46 (to *Plagiorchis*).—Dies., 1850a, 349 (to *Dist.*).  
*magna* (Bassi, 1875) Stiles, 1894c, 172–178, 225–243, pls. 1–11, figs. 4–7, a–g; 1895l, 277–280; 1894w, 91–94; 1896i, 202; 1898a, 22, 27, 29, 42, 49, 51, 52, 53, 54, 55, 140, 141, 142, figs. 28–35; 1902, 222.—Bossuat, 1902, v. 6 (2), 192.—Looss, 1899b, 557; 1902m, 783.—Pratt, 1898, 357, 365.—Rail., 1893a, 356.—Salmon & Stiles, 1901, 454.—Smith, F. C., 1881, 14 (*Dist. crassum*).—Sons., 1889, 275 (syn. *Dist. magnum*); 1896, 114, 115; 1896, 303.—Ward, 1895, 238 (in cattle), 252–253, 254–255, pl. 2, figs. 14–16 (in cattle and deer) (includes: *D. hepaticum* p. p., *F. hepatica* p. p., *F. carnea*, *F. americana*, *D. texanicum*), 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*); 1903, 866 (includes: *F. americana*, *F. carnea*, *Cladocelum giganteum* p. p., *D. crassum* p. p., *D. texanicum*), 867.—Also reported for *Boselaphus tragocamelus*, *Cervus canadensis*, *C. dama*, *C. elaphus*, *C. virginianus*, *C. unicolor*.  
*maimonis* Blainv., 1828a, 586, 2 figs. (in *Simia maimon*).—Dies., 1850a, 374 (syn. of *D. laciniatum*).  
*marmorosa* Mueller, 1774, 71 (in *fossis aquaticis rara*).—Schränk, 1803, 175 (to *Plan.*).  
*melis* Schränk, 1788, 17 (in *Dachs, Meles*), based on Goeze, 1782a, 176, pl. 14, figs. 9–10; 1803, 214.—Bosc, 1802a, v. 1, 268.—Dies., 1850a, 381 (syn. of *D. trigonocephalum*).—Gmelin, 1790a, 3053.—Rud., 1793a, 26–27; 1809a, 415.  
*mesostoma* Rud., 1803a, 28 (in *Krametsvogel*); 1809a, 388 to *Dist.*—Braun, 1902b, 126.—Dies., 1850a, 361.



## FASCIOLA—Continued.

- militaris* Rud., 1803a, 30-31 (in *Scolopax arquata*); 1809a, 421 (to Dist.).—Ben., 1858a, 1861a, 86 (to Dist.).—Dies., 1850a, 384 (to Dist.).
- milvi* Gmelin, 1790a, 3054 (in *Milvus*).—Bosc., 1802a, v. 1, 269.—Dies., 1850a, 385 (syn. of *D. echinocephalum*).—Rud., 1809a, 429 (syn. of *D. falconis milvi*).
- muris hepatica* Röederer, 1762, 537-539 (*Mus musculus*; Germany).—Braun, 1894.—Luche, 1905, 146 (syn. of *Cysticercus fasciolaris*).—Stiles, 1906, 43.—Stiles & Stevenson, 1905a, 10.—Tschudi, 1837, 67.
- mutabilis* Schrank, 1803, 210-211.
- nana* Rud., 1802b, 68-69 (in *Scolopax gallinula*; Greifswald, July); 1809a, 377, to Dist.—Dies., 1850a, 350 (to Dist.).—Braun, 1902b, 47 (to *Plagiorchis*).
- nigra* Mueller, 1774, 54 (in rivo; free form).—Herbst, 1787a, 36.—Johnston, 1865, 9.—Schrank, 1803, 165 (to Plan.).
- nodulosa* Frölich, 1791, 76-80 (includes *F. percæ cernuæ* Mueller (in *Perca cernua*, *P. fluviatilis*).—Dies., 1850a, 380 (to Dist.).—Looss, 1894a, 33 (to Dist.).—Nord., 1840, 621 (includes *F. lucioperce*, *F. percæ cernuæ*).—Lamarck, 1816, 184.—Rud., 1809a, 411.—Schrank, 1803, 213.—Type of *Crossodera* 1845 and *Bunodera* 1896.
- obscura* Mueller, 1774, 65 (in *piscinis*).—Schrank, 1803, 171-172 (to Plan.).
- ocreata* Rud., 1802b, 79-81 (*F. halecis* Gmelin, renamed) (in *Clupea harengus*); 1809a, 329, 398 (to Dist.).—Dies., 1850a, 372 (to Dist.).—Mont., 1891, 15 (to *Apoblema*); 1891, 496, 499.—Type of *Pronopyge* 1899.
- ocreata* Gørze, 1782a, 182, pl. 15, figs. 6-7 (in *Maulwurf*).—Dies., 1850a, 326 (to Monost.) (in *Talpa europæa*).—Nord., 1840, 624 (to Monost.).—Rud., 1809a, 329 (to Monost.).
- ocularis* Moquin-Tandon, 1860, 347 (includes *Dist. ophthalmobium*, *Dicrocoelium oculi humani*); 1861; 1862.—R. Bl., 1888a, 630.—Stiles, 1902, 29.—Ward, 1895, 328 (in *Homo*).
- oculis* Moquin-Tandon (*Hulme's*), 1861, 375, for *F. ocularis*.—Stiles, 1902, 28, 29.
- ovata* Rud., 1803a, 25-26 (in *Corvus frugilegus*); 1809a, 357 (to Dist.).—Braun, 1901, 13; 1902b, 69, 77 (p. p. syn. of *Prosthogonimus cuneatus*; pp. syn. of *P. cuneatus*).—Dies., 1850a, 335 (to Dist.).—Hass., 1896a, 2, 3 (to *Cephalogonimus*).—Looss, 1899b, 629 (type of *Prymnoprien*).
- percæ* Gmelin, 1790a, 3057 (= *F. percæ cernuæ* renamed) (in *Perca cernua*).—Bosc., 1802a, v. 1, 273.—Baird, 1853a, 56 (syn. of *Dist. nodulosum*).—Bruguière, 1791a, pl. 79, fig. 14.—Rud., 1809a, 411 (syn. of *D. nod.*).
- percæ cernuæ* Mueller, 1776, 224; 1779a, 65, pl. 30, fig. 1 [sic. = fig. 3]; 1788, v. 1, 32, pl. 30, fig. 3 (in *Perca cernua*).—Dies., 1850a, 380 (syn. of *D. nodulosum*).—Herbst, 1787a, 33.—Looss, 1894a, 33 (syn. of *D. nod.*).—Nord., 1840, 621 (syn. of *F. nod.*).—Rud., 1809a, 410.—Schrank, 1788, 18.
- percina* Schrank, 1790, 123 (in *Perca asper*, *P. vulgaris*); 1803, 213.—Dies., 1850a, 380 (syn. of *D. nodulosum*).—Looss, 1894a, 33 (syn. of *D. nod.*).—Rud., 1809a, 411.
- picta* Rud., 1802, 64-65 (*F. vespertilionis* renamed) (in *Fledermaus*); 1809a, 427 (renamed *lima*).—Dies., 1850a, 387 (syn. of *D. lima*).—Kolenati, 1857, 12.
- platellæ* Bosc, 1802a, v. 1, 273 (see *platessæ*).
- platessæ* Mueller, 1784, 114, pl. 78, figs. 1-5; 1788, v. 2, 52, pl. 78, figs. 1-5.—Bruguière, 1791a, 79, figs. 26-27.—Cobbold, 1858b, 160.—Dies., 1850a, 352 (syn. of *D. areolatum*).—Gmelin, 1790a, 3057.—Rud., 1809a, 401 (renamed *D. areol.*).
- polymorpha* Rud., 1802b, 70-72 (*F. anguillæ* Gmelin, renamed) (in *Aal*); 1809a, 363 to Dist.—Dies., 1850a, 340 (to Dist.).
- punctata* Mueller, 1774, 57 (in *pratis inundatis primovere*, free form).—Pallas, 1774, 23, pl. 1, fig. 14 a b (in aq., Belgii).—Schrank, 1803, 166 (to Plan.).
- punctum* (Zed., 1800) Blainv., 1828a, 586.
- pusilla* (Braun, 1790) Gmelin, 1790a, 3055.—Bosc, 1802a, v. 1, 269.—Dies., 1850a, 360, to Dist.—Rud., 1802b, 75-76; 1809a, 385 (to Dist.).
- putorii* Gmelin, 1790a, 3053 (in *Mustela putorius*).—Bosc, 1802a, v. 1, 268.—Dies., 1850a, 381 (syn. of *Dist. trigonocephalum*).—Rud., 1793a, 25-26; 1809a, 415.—Schrank, 1788, 17.—Stoss., 1892, 29 (syn. of *Echinost. trigonocephalum*).
- quadrangularis* Pallas, 1774, 20-21, pl. 1, figs. 12a-c (in *fossis*; *Hagæ comitum*).

## FASCIOLA—Continued.

- radiata* Mueller, 1774, 66 (in aquis sylvestribus, rara).
- ranæ* Gmelin, 1790a, 3055 (for Plan. subclavata Gœze, 1782a, 178, which includes Fasc. subclavata, ore sessili Pallas pro parte; t. h. [based on Gœze] frog, Rana, intestine; Europe).—Bosc, 1802a, v. 1, 270.—Rud., 1809a, 348 (syn. of Amphist. subclavatum).
- ranæ* Frœlich, 1791, 69–73, pl. 3, figs. 7–8 (in Rana temporaria L.).—Baird, 1853a, 52 (syn. of Dist. clavigerum).—Braun, 1892a, 768.—Dies., 1850a, 352 (syn. of D. clavigerum).—Looss, 1894a, 84, 85, 88 (syn. of D. endolobum); 1905, 21, 22 (syn. D. endol.).—Olfers, 1816, 45.—Rud., 1809a, 348 (syn. of Amphist. subclavatum).
- reticulata* (Wright, 1879) Looss, 1899b, 557.
- revoluta* Frœlich, 1802, 58–60, pl. 2, figs. 6–7 (in Anas boschas; Europe).—Looss, 1899b, 680 (syn. of Echinost. echinatum).—Rud., 1814a, 102 (sub Dist. echinatum).
- rosea* Mueller, 1774, 58 (in sinu Dröbachiensis).
- rostrata* Mueller, 1774, 65–66 (in paludosis, primo vere annorum).—Johnston, 1865, 15.—Schränk, 1803, 170–171 (to Plan.).
- rubra* Mueller, 1774, 59 (Fucorum frequens).—To Plan. in 1776.
- saccata* Gœze, 1782a, 221, based on Sack-Egel of Merrem, 1781, 169, pl. 1, figs. 3–7.—Braun, 1894a, 4.—Raum, 1883, 20.—Stiles, 1906, 43.—Stiles & Stevenson, 1905a, 10 (syn. of Cysticercus fasciolaris).—Tschudi, 1837, 67 (syn. of Cyst. fasc.).—Zed., 1803a, 406 (syn. of Cyst. tæniæformis).
- salamandræ* Frœlich, 1789, 119–121, pl. 4, figs. 8–10 (in black salamander, Salamandra atra).—Bosc, 1802a, v. 1, 270.—Dies., 1850a, 356 (syn. of Dist. crassicolle).—Gmelin, 1790a, 3055.—Rud., 1809a, 378.—Stiles, 1901, 197.
- salmonis* Mueller of Gœze, 1782a, 173.—Luehe, 1901, 399 (? syn. of Hemiuirus crenatus (Rud.) Luehe), 401.—Odh., 1905, 353.
- scabra* Mueller, 1784a, 31–32, pl. 51, figs. 1–8, in Gadus barbatus; —, v. 2, 14, pl. 51, figs. 1–8 (in ventric. Gadus barbatus).—Bosc, 1802a, v. 1, 272.—Bruguière, 1791a, pl. 79, figs. 28–32, v. z.—Dies., 1850a, 393.—Gmelin, 1790a, 3056.—Knoch, 1894a, 3.—Mont., 1891, 507.—Odh., 1905, 349 (= F. serrulata Mueller), 353.—Rud., 1809a, 406 (to Dist.).
- scombrî pelamidis* Tilesius, in Rud., 1809a, 391 (syn. of Dist. clavatum), 437.—Buttel-Reepen, 1902, 166.—Cobbold, 1879b, 461.—Dies., 1850a, 366 (syn. of D. clav.).
- scorpii* Mueller, 1776, 223; 1779a, 64, pl. 30, fig. 1; 1788, v. 1, 32, pl. 30, fig. 1 (in Cottus scorpius, Blennius viviparus, int.).—Bosc, 1802a, v. 1, 273.—Bruguière, 1791a, 79, fig. 12.—Dies., 1850a, 366 (syn. of D. granulum).—Gmelin, 1790a, 3057.—Herbst, 1787a, 33.—Lamarck, 1816, 183–184.—Nord., 1840, 620 (syn. D. gran.).—Rud., 1809a, 394 (syn. of D. gran.).—Schränk, 1788, 18.
- serrulata* Mueller, 1776, see Gœze, 1782a, 173.—Luehe, 1901, 399 (? syn. of Hemiuirus crenatus (Rud.) Luehe), 400, 401.—Odh., 1905, 349 (= F. scabra Mueller), 353.
- soleæformis* Blainv., 1828a, 585 (for soleæformis Rud., 1809).
- squali grisei* Risso, —, 38, see Dies., 1850a, 347 (syn. of D. veliporum).
- stagnalis* Mueller, 1774, 53 (in stagnis; free form).—To Plan. in 1776.
- strigata* Mueller, 1774, 66–67 (in aquis paludosis).—To Plan. in 1776.
- strigis* (Schränk, 1788) Gmelin, 1790a, 3055.—Baird, 1853a, 47 (= Holost. macrocephalum).—Bosc, 1802a, v. 1, 269.—Dies., 1850a, 312 (syn. of Holost. variable).—Linst., 1905, 191.—Nord., 1840, 626 (syn. of Amphist. macrocephalum).—Rud., 1809a, 340 (syn. of Amphist. macro.).—Type of Strigea, Amphist., Holost.
- strigis stridulæ* Braun, in Rud., 1809a, 347.
- subclavata* (Gœze, 1782) Schränk, 1788a, 19; 1803, 211–212.—Dies., 1850a, 318 (of Schränk to Diplodiscus), 368 (of Pallas syn. of Dist. cylindraceum).—Looss, 1894a, 64 (Pallas e. p. syn. of Dist. cygnoides); 1905, 21, 22.—Rud., 1809a, 348 (of Schränk syn. of Amphist. subclavatum), 393 (of Pallas syn. of Dist. cylindraceum).
- subclavata ore sessile* Pallas, 1760 or 1761, 271 (polynomial), in lungs of Rana and liver of Hungarian sheep.

## FASCIOLA—Continued.

- tentaculata* Mueller, 1774, 63–64 (in aquis palustribus).—To Plan.
- tereticollis* Rud., 1802b, 74–75 (F. lucii Mueller, renamed); 1809a, 380.—Ben., 1858a, 1861a, 100 (to Dist.).—[Blainv., 1828a, 585.]—Dies., 1850a, 358.—Looss, 1894a, 5; 1899b, 570 (type of Azygia).—Sramek, 1901, 105 (to Dist.).
- terrestris* Mueller, 1774, 68–69 (in asseribus muscisque humidis).—Claus, 1885a, 262 (to Rhynchodemus, Geoplanidæ).—Metchnikov, 1866b, 433–447; 1866, 22 pp. (? syn. of Geodesmus bilineatus).
- tetragona* Mueller, 1774, 69 (in stagno ac foveis aquæ purioris nec vulgaris).—To Plan. in 1776.
- tinca* Modeer, 1790, 127 (in Cyprinus tinca).—Dies., 1850a, 395 (syn. of D. perlatum).—Looss, 1894a, 24 (syn. of D. perl.).—Rud., 1809a, 365 (syn. of D. globiporum).—Stiles & Hass., 1898a, 92 (syn. of D. perlatum).
- torva* Mueller, 1774, 62–63 (in aquis).—Johnston, 1865a, 11.—Schränk, 1803, 167–169 (to Plan.).
- trachea* Montagu, 1811a, 194–198, pl. 7, fig. 4 (in poultry).—Hass., 1896a, 3, 6 (syn. of Syngamus trachealis); 1896b, 1, 2.—Rail., 1893a, 453 (syn. of Syng. trach.).
- transversalis* Rud., 1802a, 69 (in Cobitis fossilis); 1809a, 362; 1819a, 95 (Greifswald and Berlin).—Dies., 1850a, 339.—Odhn., 1901, 505.
- tremellaris* Mueller, 1774, 72 (in mari Balthico, Hafniam alluente).—Johnston, 1865a, 6.—To Plan. in 1776.
- trigonocephala* Rud., 1802b, 87–88 (F. melis Schränk, renamed) (in Schweinigel).—Dies., 1850a, 382.—Lamarck, 1816, 184.—Nord., 1840, 621–622 (includes D. echinatum, Echinost. echinatum; E. ferox, F. echinata, F. ferox, Plan. putorii).—Stoss., 1892, 29 (to Echinost.).
- truttæ* Boac, 1802a, v. 1, 274 (for truttæ, Frølich).
- truncata* Mueller, 1806, 35, pl. 151, fig. B, 1–3 (in Perca lucioperca).—Rud., 1814a, 105.
- truttæ* (intestinalis) Røederer, 1762, June 19, 537 (in forelle).—Bosc, 1802a, v. 1, 274.—Dies., 1850a, 583 (syn. of Ligula nodosa).—Luehe, 1904, 146; 1905, 334 (=Echinorhynchus).—Rud., 1809a, 262 (? syn. of Echinorhynchus fusiformis); 1810a, 18 (syn. of Lig. nod.).—Schränk, 1803, 209.
- truttæ* Frølich, 1789, 126, 127, pl. 4, figs. 16–17 (in Salmo trutta; Europe).—Dies., 1850a, 380 (syn. of Dist. laureatum).—Gmelin, 1790a, 3058.—Rud., 1809a, 413 (syn. of D. laur.); 1814a, 102 (syn. of D. farionis Frølich).
- umblæ* Fabricius, 1780a, 329; 1794, 26–29, pl. 3, figs. 6–8 D (in Salmo umbla; Greenland).—Bosc, 1802a, v. 1, 274.—Dies., 1850a, 343 (syn. of Dist. seriale).—Gmelin, 1790a, 3058.—Herbst, 1787a, 36.—Rud., 1809a, 368, 369 (renamed Dist. seriale, in Salmo alpinus).
- uncinata* Dies., 1850a, 412 (syn. of Polyst. integerrimum) lapsus for uncinulata.—Stoss., 1898, 10.
- uncinulata* (Braun, 1790) Gmelin, 1790a, 3056.—Bosc, 1802a, v. 1, 270.—Nord., 1840, 594 (syn. of Linguatula integerrima).—Rud., 1809a, 452 (syn. of Polyst. integerrimum).
- upupæ* Schränk, 1790, 123 (in Upupa epops, rectum); 1803, 211.—Dies., 1850a, 351 (syn. of Dist. involutum).—Rud., 1809a, 377 (syn. of D. involutum).
- varica* Mueller, 1784a, 93–94, pl. 72, figs. 8–11 (in Salmo salar); 1788, v. 2, 43, pl. 72, figs. 8–11.—Bosc, 1802a, v. 1, 273.—Bruguière, 1791a, pl. 80, figs. 5–8.—Dies., 1850a, 368 (to Dist.).—Gmelin, 1790a, 3057.—Lamarck, 1816, 184.—Levin., 1881a, 54 (to Dist.).—Nord., 1840, 620 (to Dist.).—Odhn., 1905, 360 (to Derogenes).—Rud., 1802b, 81; 1809a, 396 (to Dist.).
- venarum* (Treutler, 1793) Schränk, 1803, 210.
- ventricosa* Pallas, 1774, 17–18, pl. 1, figs. 9–10 (host not given; Amboyna).—Baird, 1853a, 59 (to Hirudinella).—Buttel-Reepen, 1900a, 586; 1902, 166, 172, pl. 6, fig. 2.—Cobbold, 1879b, 459, 460.—Darr, 1902, 664, 665, 666.—Dies., 1859c, 431.—Herbst, 1787a, 36.
- verrucosa* Frølich, 1789, 112–115, pl. 4, figs. 5–9 (in weidender Gänse) Ben., 1858a, 1861a, 78 (to Monost.).—Dies., 1839e, 234; 1850a, 411 (syn. of Notocotyle triseriale).—Hass., 1896a, 3 (to Notocotyle).—Mont., 1892, 26.—Nord., 1840, 602 (syn. of Notocotyle triseriale), 624 (to Monost.).—Odhn., 1905, 366 (type of Catatropis).—Rail., 1893a, 340 (to Notocotyle).—Rud., 1809a, 331.—Schränk, 1803, 209.

## FASCIOLA—Continued.

*vespertilionis* Mueller, 1784a, 95-96, pl. 72, figs. 12-16; 1788b, v. 2, 43-44, pl. 72, figs. 12-16 (in *Vespertilio auritus*).—Bosc, 1802a, v. 1, 268-269.—Braun, 1900, 387.—Bruguière, 1791a, pl. 80, figs. 9-11.—Dies., 1850a, 387 (syn. of *D. lima*).—Gmelin, 1790a, 3053.—Kolenati, 1857, 12.—Lamouroux, 1824a, 563.—Rud., 1793a, 27-28; 1809a, 427.—Schränk, 1788, 18.

*viridis* Mueller, 1774, 59-60 (in *radicibus fucorum*; Greenland).

*vulpis* Gmelin, 1790a, 3053 (in *Canis vulpes*; Europe).—Brand., 1888a, 9, 60 (syn. *Hemist. alatum* Dies.).—Dies., 1850a, 308 (syn. of *Hemist. alatum*).—Rud., 1793a, 30-32; 1809a, 402 (syn. of *D. alatum*).

FASCIOLARIA Rafinesque, 1815, 151, fam. name, includes *Anthostoma*, *Caryophyllus* Zed., *Fascinia*, *Fasciola* L., *Hexathyridia* Treutler, *Linguatula* L., *Lingula* L., *Polystoma* Zed., *Unicola* Raf.

FASCIOLARIA Encyclop. Metrop. or Universal Dict. of Knowledge, Lond., v. 18, 141 (as generic name) [not *Fasciolaria* Lamarck, 1799, mollusk].—Dies., 1850a, 577 (misprint for *Fasciola*).—Stiles & Hass., 1898a, 89 (syn. of *Fasciola*).

*fimbriata* (Göze, 1782) Dies., 1850a, 577 (misprint for *Fasciola*) (syn. of *Caryophyllus mutabilis*).—Sramek, 1901, 114 (syn. of *C. mut.*).

*hepatica* (Linn., 1758) Encycl. Metropolitana, 1845, v. 18, 141 (type of *Fasc.*).—Stiles, 1898a, 29.—Ward, 1895, 246.

*ranæ* (Gmelin, 1790) Nord., 1840, 627 (syn. of *Amphist. subclavatum*) (for *Fasciola*).

FASCIOLIASIS, BIBLIOGRAPHY OF: Huber, 1890f, 77-79.

———, GEOGRAPHIC DISTRIBUTION: Biermer, 1863a, 381-395 (Switzerland); 1895a, 253 (Switzerland).—Chardin, 1876a, 277-314 (Orleansville).

———, in various animals: Burke, 1886b, 470; 1887a, 47.—Hass., 1894a, 162-167 (epizootics).

———, in cattle: Bilhuber, 1791a (and sheep).—Lucet, 1890b, 548-549 (lungs); 1890c, 549-550 (spleen).—Stiles, 1902b, 64-69, figs. 93-98, 126-134, figs. 99-109, 204-209, figs. 110-113, 312-319, figs. 114-118, 373-379, figs. 119-122, 558-559, figs. 123-124.

———, HEPATIC, IN MAN: Askanazy, 1900b, 491, 496 (Bostrom's 1883a case); 1901, 75 (chronic choleportitis and fibrinous periportitis).—Biermer, 1863a, 381-395 (Switzerland); 1865a, 253 (Switzerland).—R. Bl., 1891p, 604-606, 616 [see correction in R. Bl., 1894g].—Bossuat, 1902 v. 6 (2), 187.—Bostrom, 1883a, 557-577, 1 fig.—Chabert, 1852a, 173-174 [a tapeworm]; 1852c, 174; 1852d, 195-196.—Chester, 1887a, 359-360 (must have been contracted in Dorsetshire, England).—Duffek, 1902a, 772-775; 1902b, 826; 1903a, 30; 1903, Aug. 15, 843.—Garcia Sola, 1884a, 129-135, fig. 5.—Huber, 1896, 574-575 (22 cases in 100 years).—Humble & Lush, 1881a, 75-76 (England).—Leichtenstern, 1885b, 502.—Prunac, 1878, 1147-1149; 1879, v. 27, 99-109; 1879, July 27, 429-434.—Sagarra, 1890, v. 14, 505-512; 1891, Apr. 18, 510-511.—Staff., 1905, Apr. 11, 694 (Canada).—Wyss, 1868, v. 9, 172-177, pl. 3, figs. 1-2.

———, HEPATIC, SHEEP: Bass, 1893a, 93.—Cristini, (1845a).—[Dowling, 1894a, 232.]—[Dun, 1880a, 550-556; 1881a, 141-204.]—[Dupuy, 1838a, 511-523.]—Flemming, 1881a, 87-93; (1881b).—[Fonsagrives, 1868a, 299-315, figs. 1-2.]—[Friedberger, 1880a].—[Frommann, 1688b, 245-252.]—General, (1883a), 86-87.—Halse, 1887a, 62 pp.; 1887b, 65; 1888a, 147-149.—Hutcheon, 1895h, 350-354, figs. 1-4.—King, 1836a, 95-101.—Morton, 1839, 735-738.—Waldinger, 1818.—Wernicke, 1888, 673 (Buenos Ayres).

———, PATHOLOGY AND LOCATION: Bossuat, 1902, 187.

———, symptoms: Khouri, 1904, 78, 79, 80, 81 (halzoun).

———, treatment: Bennett, 1876a, 677-680 (salt and potash: Australia).—[Hellier, 1895k, 635.]—[Hutcheon, 1891m, 86-87; 1891n, 140-141, sheep; 1893b, 23 (creolin)]; 1897b, 100 (sheep); [1897g, 142-146].—Syme, 1895, Dec. 26, 680-681.

FASCIOLIDÆ Rail., 1895, 338.—R. Bl., 1895, 729-730.—Braun, 1900b, 387-391 (of Chiroptera); 1900c, 24-32 (Clinost.); 1900d, 27-29 (Rhopalias); 1900f, 387-391 (of Chiroptera); 1900g, 250; 1901i, 55-58 (nomenclature); 1902a, 120 (nomenclature); 1902b, 1-162, figs. 1-99 (of birds); 1902c, 442-444; 1903, 3, ed., 147, 445; 1905, 59-60.—Darr, 1902a, 644-701, pls. 33-35, figs. 1-34; 1902b, 735-736; 1902, 58 pp.; 1905, July, 55-56.—Looss, 1901, 91; 1901, 191, 196; 1902m,

## FASCIOLIDÆ—Continued.

- 838.—Luehe, 1901, 486–488.—MacCallum, 1899, 707.—Pratt, 1902, 887, 893 (key) (includes Anisocelinae, Bunoderinae, Centrocestinae, Cotylogoniminae, Echinostominae, Fasciolinae, Haplometrinae, Omphalometrinae, Opisthorchiinae, Philophthalminae, Plagiorchiinae, Psilostominae, Reniferinae, Anaporrhutinae, Brachycoeliinae, Cephalogoniminae, Microcoeliinae, Clinostominae, Gorgoderinae, Harmostominae, Microphallinae, Pleurogenetinae, Hermiurinae, Syncœliinae, Telorchinae, Urogeniminae, Zoogoninae).—Roger, 1901, 94.—Shipley, 1905, v. 6, 4.—Stiles, 1898a, 22, 27, 28; 1901, 191, 192, 195; 1904i, 10–11, 12–45, figs. (of man).—Stiles & Hass., 1898a, 81–89 (type *Fasciola*; superspecific inventory).—Ward, 1903, 863, 864, 865.
- FASCIOLINÆ** Stiles & Hass., 1898a, 86, 90, 95, 96 (subf. of Fasciolidae).—Looss, 1899b, 543, 556, 560, 561, 626; 1901, 196; 1902m, 839.—Luehe, 1900, 562; 1901, 486; 1901, 175.—Odh., 1905, 339, 344, 346, 347.—Pratt, 1902, 887 (includes *Campula*, *Fasc.*, *Fasciolopsis*; related genera: *Paragonimus*, *Pleorchis*).—Stiles, 1898a, 22, 28.—Ward, 1903, 867.
- FASCIOLOPIS** Odhn., 1902, 581, misprint for *Fasciolopsis*.
- buski* (R. Bl., 1888) Odhn., 1902, 581.
- FASCIOLOPSIS** Looss, 1899b, Dec., 557, 561 (tld. *buskii*), includes *crassa* Busk, *jacksoni* Cobbold.—Braun, 1903, 3. ed., 153; 1906, 158.—Odh., 1905, 339, 344, 346.—Pratt, 1902, 887, 893.—Stiles, 1904i, 39–40.—Ward, 1903, 866.
- 1902: *Fasciolopsis* Odhn., 1902, 581, misprint.
- buski* (R. Bl., 1888) Odhn., 1902, 573–581, figs. 1–3. See *buskii*.
- buskii* (Lankester, 1857) Stiles, 1901, 1542; 1904i, 41–42, figs. 63–66 (in *Homo*).—Braun, 1903, 3. ed., 153–154, fig. 99 (in *Homo*); 1906, 159, fig. 90 (*buski*) (syns. *Dist. buski* and *D. crassum*).—Conyngham, 1904 (IX, 17), 663.—Looss, 1905, 110, fig. 16; 1907, Feb. 1, 123 (*buski*) (from Hongkong).—Moore & Ferril, 1905a, Sept. 30, 1002–1003, figs. 1–7; 1905b, 8 pp., figs. 1–7 (in U.S.).—Ward, 1903, 864, 867; 1903, 704.
- crassa* (Cobbold, 1860) Looss, 1899b, 557.
- jacksoni* (Cobbold, 1869) Looss, 1899b, 557.
- rathouisi* (Poir., 1887) Ward, 1903, 864, 867; 1903, 704.—Looss, 1905, 111, fig. 17.—Stiles, 1904i, 42–43, fig. 67.
- FELLODISTOMUM** Staff., 1904, May 3, 486 (m. *incisum*).—Odh., 1905, 310.
- incisum* (Rud., 1809) Staff., 1904, 486 (in *Anarrhichas lupus*).
- FESTUCARIA** Schrank, 1788, Gattung 9, 16–17 (type by elimination *anatis*, see Luehe, 1901; also type by first species rule); 1803, 185.—Blainv., 1824a, 512 (“genre adopté de Schrank pour le *Distoma trigonocephalum*, qui paraît n’être qu’une espèce de monostome”), 518 (“ce sont les monostomes cylindriques et à bouche terminale de M. Rudolphi”).—Brand., 1888a, 8.—Braun, 1893a, 884, 894.—Cuv., 1817, 40.—Dies., 1850a, 307 (syn. of *Hemist.*), 312 (syn. of *Holost.*), 319 (syn. of *Monost.*), 400 (of Zed., syn. of *Amphist.*), 411 (syn. of *Notocotyle*).—Hémond, 1827, 9.—Knoch, 1862, 30.—Lamouroux, 1822a, 194.—Looss, 1901, 193; 1902m, 746, 755.—Luehe, 1901p, 174, 175 (type *anatis*).—Rafinesque, 1815, 151 (renamed *Monostomeus*).—Rud., 1801a, 50, 54; 1809a, 21.
- alata* (Gœze, 1782) Schrank, 1790, 118; 1803, 208–209.—Brand., 1888a, 60 (to *Hemist.*).—Dies., 1850a, 308 (to *Hemist.*).—Lamouroux, 1822a, 194.—Rud., 1809a, 402, 403 (to *Dist.*).
- anatis* Schrank, 1788, 16, based on Gœze, 1782a, 174, pl. 13, figs. 8–11 (in Enten).—Dies., 1850a, 383 (syn. of *D. echinatum*).—Luehe, 1901p, 175 (type of *Festucaria* by elimination), species unidentifiable, possibly *Echinost. echinatum*.—Rud., 1809a, 418.
- boschadis* Schrank, 1790, 122–123 (in *Anas boschas sylvestris*, A. b. dom.); 1796, 332, pl. 5, figs. 16–17; 1803, 207–208.—Dies., 1850a, 383 (syn. of *D. echinatum*).—Looss, 1899b, 680.—Rud., 1809a, 418, 419.
- caryophyllacea* Rud., 1810a, 353 (misprint for *caryophyllina*).
- caryophyllina* Rud., 1802a, 66–67, pl. 1, fig. 3 (in *Gasterosteus aculeatus*); 1809a, 325.—Dies., 1850a, 328 (to *Monost.*).—Rail., 1893, 339 (to *Monost.*).
- cervi* Zed., (1790), 65–74, pl. 3, figs. 8–11 (in Hirsch).—Dies., 1836, 246; 1850a, 401 (syn. of *Amphist. conicum*).—Fischder., 1901, 368 (to *Paramphist.*); 1902, 11 (to *Paramphist.* as type); 1903h, 504, 506 (of the Hirsch, Vormagen).—Looss, 1896b, 32 (to *Amphist.*).—Rud., 1809a, 350.—Stiles, 1898a, 64.—Ward, 1895, 256 (syn. of *Amphist. conicum*), 332 (in *Bos taurus*), 335 (in *Ovis aries*).

## FESTUCARIA—Continued.

- cyprinacea* Schrank, 1790, 122 (in *Cyprinus barbus*); 1803, 207.—Dies., 1850a, 329 (syn. of *Monost. cochleariforme*).—Nord., 1840, 624 (syn. of *Monost. cochl.*).—Rud., 1809a, 326 (renamed *M. cochl.*), 410.
- lentis* (Gescheidt, 1833) Moquin-Tandon, 1860, 349; 1861, 375; 1862, —.—R. Bl., 1888a, 542, (to *Monost.*).—Stiles, 1902s, 25, 28.—Ward, 1895, 328.
- oti* Rud., 1819a, 354 (*F. otidis* Frœlich, 1802, renamed).
- otidis* Frœlich, 1802, 53–54 (changed to *oti* Rud., 1819, 354) (in *Strix otus*).—Rud., 1814a, 99–100.—Baird, 1853a, 47 (= *Holost. macrocephalum* Blainv.).
- pedata* Schrank, (1769), 335–340 (in *Anas querquedula*); 1803, 208\* (includes *F. anatis* Schrank, 1788).—Baird, 1853a, 45 (= *Monost. verrucosum*).—Ben., 1858a, 1861a, 78 (syn. of *Monost. verr.*).—Dies., 1839, 234; 1850a, 411 (syn. of *Notocotyle triseriale*).—Odh., 1905, 366 (syn. of *Catantropis verrucosa*).—Rud., 1809a, 331.
- pileata* Rud., 1802a, 65–66 (in *Sterna hirundo*); 1809a, 338 (to *Monost.*).—Dies., 1850a, 314 (to *Holost.*).
- strigis* Schrank, 1788, 16–17 based on Gœze, 1782a, 174, pl. 14, figs. 4–6 (in *Weideneule*).—Baird, 1853a, 47 (= *Holost. macrocephalum*).—Dies., 1850a, 312 (syn. of *Holost. variabile* Nitzsch).—Frœlich, 1802, 51–52.—Linst., 1905, 191.—Luehe, 1901, 175.—Rud., 1809a, 340 (syn. of *Amphist. macrocephalum*); 1814a, 99.—Type of *Strigea*, 1790.
- ventricosa* Rud., 1803, 20–21 (in *Nachtigall*); 1809a, 335 (to *Monost.*); 1819a, 86 (in *Motacilla lusciniæ*; Greifswald, May).—Dies., 1850a, 328 (to *Monost.*).

FESTUCARIOCREATA Rud., 1802, 67 (apparently lapsus for *Festucaria ocreata*).

**FLUKES** (vernacular name for Trematoda, esp. for *Fasciola hepatica*) Cobbold, 1883, 514–515.—Dugmore, 1895a, 491.—Feuerheerd, 1896a, 272–273 (life history).—Hahn & Lefevre, 1884a, 515–549 (doutes).—Johnson's New Univ. Cycl., N. Y., 1876, v. 2, 176.—Kuech., 1890, 186 (mode of alimentation).—Tyson, 1903, 3. ed., 1180–1181 (of liver).—Veterinarian, Lond., 1880, June, 397.

**FRIDERICIANELLA** Brand., 1894a, 305–311 (m. *ovicola*).—Maclaren, 1904, 583.—Mont., 1903, 336 (subf. *Calceostominæ*); 1905, 65.—St.-Remy, 1898, 524, 564.

*ovicola* Brand., 1894a, 303–310, pl. 19, figs. 1–4 (in *Arius commersonii* Lac.; Rio Grande do Sul, Brazil).—Bettend., 1897a, 16; 1897, 320.—Goto, 1899, 290.—Maclaren, 1904, 597.—St.-Remy, 1898, 565, fig. 5.

**FURCOCERCA** Lamarck, 1815, 446–448 (type?).—Braun, 1892a, 767; 1893a, 884.—Nitzsch, 1827, 66.—Pag., 1857, 5.—Bory de St. Vincent, 1823a, 355; 1825a, 83–84.

*catellina* (Mueller, 1786) Lamarck, 1815, 448.

*catellus* (Mueller, 1773) Lamarck, 1815, 448.

*crumena* (Mueller, 1786) Lamarck, 1815, 447–448.

*luna* (Mueller, 1786) Lamarck, 1815, 448.

*lupus* (Mueller, 1773) Lamarck, 1815, 448, based on Mueller, —, pl. 20, figs. 14–17.

*orbis* (Mueller, 1786) Lamarck, 1815, 448.

*podura* (Mueller, 1773) Lamarck, 1815, 447, based on Mueller, pl. 19, figs. 1–5.—Bory de St. Vincent, 1825a, 84 (syn. *Cerc. podura* Mueller).

*serrata* Bory de St. Vincent, 1825a, 84 (syns. *Furcularia furcata* Lamarck, *Vorticella furcata* Mueller) (in infusion de foin).

*trilobata* Bory de St. Vincent, 1825a, 84 (in infusions d'écorce de chêne).

*viridis* (Mueller, 1774) Lamarck, 1815, 447.

[*cercarie* Wagener], see Dies., 1858d, 276 (*furcocerca cercarie* Wagener, syn. of *Bucephalopsis aculeatus* Dies.).

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*furcata* (Mueller, 1786) Lamarck, 1816, 39.—Bory de St. Vincent, 1825a, 84 (syn. *Furcocerca serrata*).

**GALACTOSOMUM** Looss, 1899b, 671 (m. *lacteum*) subf. *Haplorchiniæ*; 1902m, 512.—Pratt, 1902, 890, 910.

*lacteum* (Jægers., 1896) Looss [1899, 671]; 1902m, 512 (type).

**GANEO** Klein, 1905, June 9, 72 (m. *glottoides*); *ganeo*, der Prasser, Schwelger.

*glottoides* Klein, 1905, June 9, 72–78, pl. 5, figs. 6–8 (in *Rana hexadactyla*, intestine); 1905, 14–20, figs. 6–8.

**GASTERODISCINÆ Mont.**

**GASTEROSTOMA Mont.**, 1888a, 84, see *Gasterostomum*.

**GASTEROSTOMATA Odhn.**, 1905, 295-296.

**GASTEROSTOMATIDÆ Gamb.**, 1896a, 73.

**GASTEROSTOMIDÆ Braun**, 1883a, 59; 1893a, 887, 895, 900, 912; 1895b, 136.—Hoyle, 1890, 539.—Jackson, 1888, 654, includes *Gasterost.* (Bucephalus, larval form).—Looss, 1899b, 541, 543; 1901, 196.—Luche, 1901, 488.—Mont., 1888, 14, 52, 92, 105.—Odhn., 1905, 296.—Par., 1887, 335.—Pratt, 1902, 890 (*Gasterost.*).—Schneidemuehl, 1896, 295.—Sieb., —.

**GASTEROSTOMIDES R. Bl.**, 1888a, 541 (embraced in *Distomiens*).

**GASTEROSTOMINÆ Mont.**, 1892, Oct. 7, 214 (subf. of *Distomidæ*).—Braun, 1893a, 890.—Looss, 1899b, 541.—Mueh., 1898, 30.—Stoss., 1898, 59.

**GASTEROSTOMUM Sieb.**, 1848, 112, 129, 138 (m. *fimbriatum*); 1854, 20.—Ben., 1870c, 142.—Bettend., 1897a, 15; 1897, 319.—Biehinger, 1888a, 231, 232, 233.—Brand., 1891d, 12; 1892, 507.—Braun, 1890a, 520; 1890b, 127; 1892a, 568, 577, 583, 586, 589, 603, 605, 608, 614, 629, 635, 336, 640, 641, 644, 659, 660, 671, 672, 673, 682, 683, 696, 700, 704, 708, 709, 711, 713, 715, 718, 721, 726, 727, 732, 736, 757, 760, 773, 806, 807; 1893a, 823, 834, 867, 872, 879, 886, 887, 890, 895, 899, 913, 916, 918; 1895b, 121, 125, 136; 1899, 3.—Carus, 1863, 479.—Dies., 1858c, 313, 360-361 (mentions only *fimbriatum*); 1859c, 436-437.—Fil., 1855b, 25.—Gamb., 1896, 73.—Hoyle, 1890, 539 (8 sp. in fish, larva *Bucephalus*), 540.—Jackson, 1888, 642, 644, 648, 651 (= *Bucephalus*), 654.—Kath., 1894a, 138.—Lacaze Duthiers, 1854a, 295, 301.—Leuck., 1863, 474, 477, 503, 524.—Lint., 1905, 327 (*Bucephalus haimeanus*).—Looss, 1893b, 819; 1894a, 105, 158, 179, 191, 202, 203.—Mont., 1888a, 7, 10, 11, 12, 15, 33, 34, 38, 43, 46, 60, 77, 79, 84 (*Gasterost.*), 92, 105; 1891, 110; 1892, Oct. 7, 214 (g. of *Gasterostominæ*); 1893, 3, 9, 28, 95, 147.—Moul., 1856a, 12, 175, 178.—Odhn., 1905, 296 (type *fimbriatum*), 297, 307.—Poche, 1907, 125.—Pratt, 1900, 647; 1902, 890, 891, 908.—Schneidemuehl, 1896, 295.—Spengel, 1905, 258.—Ssinitzin, 1906, 688.—Stoss., 1898, 59.—Tennent, 1906, 639 (in *Cyclopterus lumpus*).—Wagener, 1852, 557-567, figs. 2-3.—Wallenstedt, 1847, 7.—Wolf, 1903, 615, 617.—Ziegler, 1905, 36.—Cf. *Bucephalus*.

*arcuatum* Lint., 1900, 277, 278, 297-298, pl. 41, figs 85-90 (in *Sarda sarda*: Woods Hole); 1901, 416 (in *Sarda sarda*, *Carcharinus obscurus*), 427, 446, 447; 1905, 329, 335, 363, 365, fig. 235 (in *Caranx hippos*, *Scomberomorus regalis*).—Tennent, 1906, 640 (in *Car. obs.*).

*armatum* Mol., 1859, 291 (t. h. *Conger conger*; Padua); 1859, 820; 1861, 224-226, pl. 4, figs. 4-5, pl. 6, figs. 1, 3.—Braun, 1892a, 752; 1893a, 913.—Dies., 1859c, 436.—Levin., 1881a, 64, 76-78 (in *Cottus scorpius*; Egdesminde) [see below].—Mont., 1893, 95.—Odhn., 1905, 305 (of Mol., 1861, syn. of *Proserhynchus crucibulum* Rud.), 307; 1905, 297, 298 (syn. of *Pros. squamatus*).—Staff., 1904, May 3, 488 (in *Acanthocottus scorpius*, *Brosmius brosme*, *Hemitripterus americanus*, *Hippoglossus hippoglossus*).—Stoss., 1885, 161; 1898, 60.—Tennent, 1906, 639, 640, 669, 679 (in *Conger conger*).—Ziegler, 1883, 538 to (*Rhipidocotyle?*), 539 (syn. of *G. crucibulum* Gerv. & Ben.), 548 (in *Conger conger*).

*armatum* of Olss., 1868, 56, pl. 5, figs. 107-108, and of Levin., 1881, 76, pl. 3, fig. 4.—Odhn., 1905, 297, 298 (syn. of *Proserhynchus squamatus*).

*baculum* Lint., 1905, 327, 329, 335, 362, figs. 233, 234 (in *Scomberomorus maculatus*; Beaufort, North Carolina), based on *Gasterost. sp.* Lint., 1901, 447, pl. 34, figs. 369-372.

*blanchardi* Stoss., 1898, 61 (in *Labrax lupus*; Trieste).

*clupeæ* Ben., 1870, 67 (in *Clupea sprattus*; Belgium).—Braun, 1893a, 913.—Tennent, 1906, 639 (in *Cl. spr.*).—Ziegler, 1883, 539 (in *Cl. spr.*).

*crucibulum* (Rud., 1819) Gerv. & Ben., 1859b, 207; 1870, 82, pl. 3, fig. 18.—Braun, 1892a, 784, 789; 1893a, 913.—Dies., 1859c, 425 (to Monost.), 437.—Lint., 1878a, 272 (in *Conger cassinii*).—Mont., 1893, 95.—Odhn., 1905, 305 (of Ben., 1870, syn. of *Proserhynchus aculeatus*; of (Rud.) Olss., syn. of *Pros. crucibulum*.—Stoss., 1892, 66; 1898, 60-61 (in *Conger vulgaris*; Trieste).—Tennent, 1906, 639, 640, 679.—Ziegler, 1883, 539, 548 (syn. of *G. armatum* Mol.), 563.

*fimbriatum* Mol., 1859, 819-821, pl. 2, fig. 1 (t. h. *Anguilla vulgaris*; Padua).—Braun, 1892a, 575, 595, 599, 673, 709, 712, 717, 718, 784; 1893a, 866, 871, 913.—Buttel-Reepen, 1902, 215.—Cobbold, 1879b, 462.—Gamb., 1896, 72.—Maddox, 1867, 97.

## GASTEROSTOMUM—Continued.

- fimbriatum* Sieb., 1848, v. 1, 129 (in *Perca fluviatilis*, Lucioperca; [Europe]) as possible adult of *Bucephalus polymorphus*.—Badcock, 1875a, 145 (in *Perca fluviatilis*, Lucioperca, carp; larva *Bucephalus polymorphus*.—Biehinger, 1888a, 230.—Brand., 1891d, 7.—Braun, 1892a, 575, 595, 599, 673, 709, 712, 717, 718, 784; 1893a, 866, 871, 913.—Dies., 1858e, 361 (in *Lucioperca sandra*, *Perca fluviatilis*, *Esox lucius*); 1859c, 435, 436 (cf. *Dist. campanula* Duj.).—Giard, 1874e, 487.—Haarlem, —, v. 9, 89; —, v. 13, 103, pl. 24, figs. 1-7.—Hausmann, 1896a, 392 (in *Luc. sandra*); 1897b, 4, 6, 20, 22, 34-35, pl. 1, figs. 6-8 (in *Luc. sandra*).—Juel, 1889, 12, 36.—Kowal., 1894, 4; 1894, 221.—Linst., 1878a, 208 (in *Perca fluviatilis*); 1878, 230.—Looss, 1885b, 11, 14; 1892a, 122; 1894a, 203, 205, 206, 207.—Mont., 1888a, 34.—Mueh., 1898, 30.—Odhn., 1905, 296 (type of genus), 300, 301, 303.—Ols., 1893, 12.—Par., 1887, 336.—Poche, 1907, 125.—Stoss., 1883, 119; 1898, 59-60 (in *Anguilla vulgaris*; Trieste).—Tennent, 1906, 637, 638, 641, 643, 665, 666, 677, 678, 682 (in *Perca*, *Lucioperca*).—Wagener, 1852, 565-567; 1857, 45, pl. 24, figs. 1-7; 1858, 250; 1860, 165 (syn. *Dist. campanula*).—Ziegler, 1883, 491; 1883, 537, 538, 539, 541-567, pl. 33, figs. 16, 18-22, 27, 28.—Also reported for *Abramis alburnus*, *Blicca bjoerkna*, *Blicopsis abramo-rutilus*, *Gobio fluviatilis*, *Leuciscus erythrophthalmus*, *Lota vulgaris*, *Squalius leuciscus*.
- gadorum* (Rathke, 1799) Linst., 1878a, 238 (in *Gadus morrhua*; *G. virens*).—Braun, 1893a, 871.
- galeatum* (Rud., 1819) Stoss., 1898, 62 (in *Lichia amia*; Trieste).
- gorgon* Lint., 1905, 327, 335, 364, figs. 240-242 (in *Seriola lalandi*; Beaufort, North Carolina).
- gracilescens* (Rud., 1819) Wagener, 1852, 563, pl. 16, fig. 3.—Braun, 1892a, 673; 1893a, 866, 880, 913.—Cobbold, 1872b, 92; 1879b, 52, 462, fig. 78.—Dies., 1858e, 361 (to *Rhipidocotyle*) (in *Lophius piscatorius*).—Gamb., 1896, 72.—Hausmann, 1897b, 34.—Linst., 1878a, 223 (to *Rhipidocotyle*).—Lint., 1905, 327, 335, 353, 357, 360, 365, 370, 402, 410, 414, figs. 230-232, 236-239 (in *Caranx hippos*, *Menidia menidia*, *Opsanus tau*, *Paralichthys albiguttus*, *Pomatomus saltatrix*, *Spheroides maculatus*, *Stolephorus brownii*, *Tylosurus marinus*).—Maddox, 1867, 97.—Mol., 1859, 821 (*Loph. pisc.*; Padua).—Odhn., 1905, 296, 302, 303.—Sons., 1891, 258 (in *Loph. pisc.*).—Stoss., 1890, 44; 1898, 61-62 (in *Loph. pisc.*; Trieste).—Tennent, 1906, 637, 638, 640, 664, 666, 679, 682 (larva = *Bucephalus haimeanus*), pl. 40, fig. 40, pl. 41, figs. 44-50, 52, 53, pl. 42, figs. 54-58 (in *Loph. pisc.*).—Ziegler, 1883, 538, 539.—Also reported for *Gadus aeglefinus*, *G. minutus*, *Esox*, *Molva*.
- illense* Ziegler, 1883, 543 (in *Esox lucius*, *Leuciscus erythrophthalmus*; Strassburg).—Hausmann, 1896a, 392.
- laciniatum* Mol., 1859, 821 [apparently lapsus for *fimbriatum*].—Par., 1894, 167 (in *Anguilla vulgaris*; Padova, Trieste, [Cagliari]).
- minimum* Wagener, 1852, 558-563, fig. 2 (t. h. *Trigla microlepidota*).—Braun, 1889a, 356; 1892a, 599, 673; 1893a, 880, 913.—Dies., 1858e, 361, 362 (to *Rhipidocotyle*) (in *Tr. micr.*).—Odhn., 1905, 296.—Tennent, 1906, 637, 638 (in *Tr. micr.*).—Ziegler, 1883, 538, 548 (in *Tr. micr.*).
- minimum* Stoss., 1887, 96, pl. 10, fig. 41 (in *Labrax lupus*; Trieste); 1898, 61.—Hausmann, 1897b, 34.
- ovatum* Lint., 1900a, 269, 297 (in *Lobotes surinamensis*; Woods Hole, Mass.); 1901, 416, 457.—Tennent, 1906, 640, 679 (in *Lob. sur.*).
- pusillum* Staff., 1904, May 3, 494-495 (in *Stizostedion vitreum*; Canada).
- species Lint., 1901, 447. See *G. baculum*.
- species Lint., 1900, 269, 298, pl. 41, fig. 9.
- species Ben., 1870, 51.
- tergestinum* Stoss., 1883, 119-120, pl. 2, fig. 5 (in *Gobius niger*, *G. jozo*; Trieste); 1898, 61; 1901, 91-92 (3-4).—Braun, 1892a, 642; 1893a, 874, 913.—Mont., 1888, 14; 1893, 95.
- trigla* Ben., 1870, 30, pl. 3, fig. 15 (in *Trigla hirundo*; Belgium).—Braun, 1893a, 913.—Tennent, 1906, 639, 679 (in *Tr. gurnardus*).—Ziegler, 1883, 539 (in *Tr. gurn.*).
- vipera* Ben., 1870, 26, pl. 3, fig. 17 (in *Trachinus vipera*; Belgium).—Braun, 1892a, 568; 1893a, 913.—Tennent, 1906, 639, 640 (in *Tr. vip. Cuv.*).—Ziegler, 1883, 539 (in *Tr. vip.*).
- vivax* Ben., 1870, 25 (in *Trachinus draco*; Belgium).—Braun, 1893a, 913.—Odhn., 1905, 296.—Tennent, 1906, 639 (in *Tr. dr.*).—Ziegler, 1883, 539 (in *Tr. dr. L.*).



- GASTROCOTYLE** Ben. & Hesse, 1863; 1864, 96, 117–118 (m. *trachuri*).—Braun, 1890a, 414, 498, 511, 517, 523, 540, 541, 546; 1893a, 890.—(erf., 1895h, 918; 1896, 514; 1899a, 391.—Cunningham, 1887a, 279.—Gamb., 1896, 73.—Hoyle, 1890, 539.—Mont., 1888a, 8, 11, 13, 66, 86, 89, 101; 1892, Oct. 7, 213 (gen. of Microcotylinae); 1903, 336 (subf. Axiniinae).—Pratt, 1900, 646, 653, 654, fig. 42.—Tasch., 1879, 69; 1879, 257–258.—Will.-Suhm, 1870, 9, 11.
- trachuri* Ben. & Hesse, 1863, 118; 1864, 118, pl. 13, figs. 1–8 (in *Caranx trachurus*).—Braun, 1890a, 407, 414, 541, 549 (in *Car. tr.*; Atlantic Ocean, Mittelmeer), 550.—Par., 1894, 595.—Par. & Perugia, 1890, 8.—Pratt, 1900, 657, fig. 42.—Tasch., 1879, 258 (in *Car. tr.*).—Will.-Suhm, 1870, 10.
- GASTRODISCINÆ** Mont., 1892, Oct. 7, 214 (subf. of Amphistomidae).—Braun, 1893a, 890.—Looss, 1899b, 541.
- GASTRODISCUS** Leuck., in Cobbold, 1877e, 233–239 (m. *sonsinoi*); 1877f, 326.—Braun, 1892a, 569, 581, 603, 614, 645, 669, 677, 682, 683, 688, 696, 699, 705, 715, 716; 1893a, 879, 886, 890, 892, 895, 904, 906, 918; 1895b, 136; 1903, 3 ed., 146.—Cobbold, 1877f, 326.—Cousin, 1885a, 426.—Fischder., 1901, 374; 1902a, 7, 46; 1903h, 488, 489 (m. *polymastos*) (in horses; Egypt).—Gamb., 1896a, 73.—Hoyle, 1890, 539.—Jackson, 1888, 642, 644, 654.—Looss, 1894, 24; 1895, 11; 1896b, 13, 14, 18, 151, 173, 178, 184, 188; 1899b, 541, 770; 1902m, 440, 442, 638, 676.—Mont., 1888a, 8, 12, 15, 26, 27, 34, 35, 41, 42, 52, 53, 54, 56, 57, 91, 103; 1892, Oct. 7, 214 (gen. of Gastrodiscinae).—Piana & Stazzi, 1900, 523.—Poir., 1883, 79.—Pratt, 1902, 887, 892.—Schneidemuehl, 1896, 295 (*Gastrodiskus*).—Shipley, 1905, v. 6 (1), 4, 8.—Sons., 1895, Aug.–Sept., 179, 180, 181, 183, 184, 185, 186, 1 pl., figs. 1–7.—Ward, 1903, 865 (in horses and cattle in Egypt; one (*G. hominis*) in man).
- 1883: *Gasterodiscus* Ziegler, 1883, 545.
- 1896: *Gastrodiskus* Schneidemuehl, 1896, 295.
- 1898: *Gastrodisseus* Kowal., 1898h, 158, misprint.
- ægyptiacus* (Cobbold, 1876) Rail., 1893, 379 (syns. Hemist. sp. Sons., 1876; Diplost. *ægyptiacum* Cobbold, 1876; *Cotylegaster cochleariforme* Sieb., 1877; *G. sonsinoi* Cobbold, 1877; *G. polymastos* Lkt., 1880).—Bettend., 1897a, 38; 1897, 342.—Brand., 1898a, 205 (13).—Fischder., 1902a, 46 (syn. of *G. polymastos* Leuck.); 1903h, 494, 497.—Gronkowski, 1902a, 514, 520 (7, 13).—Kowal., 1898h, 158 (55) (*Gastrodisseus*).—Looss, 1896, 13–32, 149, 177–185, pl. 1, figs. 4–8, pl. 2, figs. 9–15, pl. 11, fig. 115, pl. 12, figs. 122–124, pl. 13, figs. 135–139 (syns. *G. polymastos*, *G. sonsinoi*, Hemist. sp., Diplost. *ægyptiacum*); 1907, Feb. 1, 134.—Moore, 1898, July 15, 531; 1897, 183.—Sons., 1895, 180, 181, 183, 184, 187, fig. 3; 1896, 294, 298, 309, 310.—Ward, 1895, 338 (in *Equus caballus*).—Also reported for *Equus asinus*, *E. mulus*.
- hominis* (Lewis & McConnell, 1876) Sons., 1896, 298.—Braun, 1903, 3 ed., 146–147, fig. 91; 1906, 149, fig. 82 (syn. Amphist. *hominis*).—Cunningham, 1904, IX, 17, 663.—Fischder., 1901, 374; 1902a, 46–47 (in *Homo*; India).—Looss, 1905, 110.—Shipley, 1905, v. 6 (1), 4 (thinks *Equus* is probably normal host).—Stephens, 1903, Feb., 7–12, figs. 1–4.—Ward, 1903, 704; 1903, 864 (in man), 865.
- polymastos* Leuck., 1880 (in *Equus caballus*; Egypt).—Brand., 1898a, 205, 214 (13, 23).—Braun, 1892a, 568, 580, 591, 593, 602, 605, 607, 608, 638, 640, 645, 646, 649, 654, 657, 661, 662, 663, 688, 703, 717, 733; 1893a, 874, 906; 1893d, 466.—Collin, 1891a, 86 (syn. of *G. sonsinoi*).—Fischder., 1901, 374; 1902a, 46 (syns. Diplost. *ægyptiacum* Cobbold, *G. ægyptiacus* Looss, *G. sonsinoi* Cobbold) (in *Equus caballus*, *E. mulus*, *E. zebra*).—Gronkowski, 1902a, 514 (7).—Lejtenyi, 1880a, 125–146 (anatomy), pls. 1–3; 1881a, 22 pp., 3 pls.—Lingard, 1905, 50.—Looss, 1885a, 392, 397 (*Gasterodiscus*); 1885b, 5, 10 (*Gasterodiscus*); 1894a, 146, 237; 1896b, 13 (syn. of *G. ægyptiacus*).—Mont., 1888a, 15, 26, 60.—Rail., 1887, 406–408 (in *Sénégal*), 494.—Richard, 1896.—Schneidemuehl, 1896, 303 (*Gastrodiskus polymastos*).—Sons., 1895, 124 (syn. of *G. sonsinoi*), 179.—Stephens, 1906, 9.—Ward, 1895, 338 (see *G. ægyptiacus* in *Equus caballus*).—Ziegler, 1883, 545 (*Gasterodiscus*).—Zuern, 1882, 222.
- secundus* Looss, 1907, Feb. 1, 134–136, figs. 3–4 (in mules; Assam).
- sonsinoi* Cobbold, 1877e, 233–239, 1 pl., 1 fig. (in *Equus*; Egypt), syn. Diplost. *ægyptiacum* (changed to *G. sonsinoi* Cobbold 1879b, 38, 359, fig. 62).—R. Bl., 1888a, 636.—Braun, 1893a, 906 (*sonsinoi*); 1893b, 186 (*sonsinoi*); 1906, 149.—Collin, 1891a, 86–88 (in zebra; Kataui Mbuga, Ostafrika).—Fischder., 1902a, 46 (*sonsinoi*) (syn. of *G. polymastos*); 1903h, 488 (*sonsinoi*).—Girard, 1880a, lxi–lxx (*sonsinoi*).—Lejtenyi, 1881a, 2 (*sonsinoi*).—Lingard,

## GASTRODISCUS—Continued.

1905, 50 (syn. *G. polymastos*).—Looss, 1896b, 13 (syn. of *G. ægyptiacus*).—Méglin, 1880, Aug. 15, 782-784, figs. 1-2 (in horse); 1881, v. 2, 250-252, figs. 2.—Moore, 1897b, 167; 1897a, 183-184 (sonsinoi); 1897c; 1898a, 531.—Poir., 1883, 74 (sonsinoi).—Sons., 1895, 124 (syn. *G. polymastos*).—Theobald, 1900, 50.—Ward, 1895, 338 (in *Equus caballus*).

*sonsinoi* Girard, 1880a, lxviii, for *sonsinoi*.

*sonsinoi* Poir., 1883, 74, for *sonsinoi*.

*sonsinoi* Cobbold, 1879b, 359, 463, fig. 62, for *sonsinoi*.

GASTRODISEUS Kowal., 1898h, 158 (55), for *Gastrodiscus*.

*ægyptiacus* (Cobbold, 1876) Kowal., 1898h, 158 (55).

GASTRODISCUS Schneidemuehl, 1896, 295, 303, for *Gastrodiscus*.

*polymastus* Schneidemuehl, 1896, 303, for *polymastos*.

GASTROTHYLAX Poir., 1883, 76-79; γαστήρ, stomach; θύλαξ, pocket, pouch; [type *crumenifer*].—Brand., 1891d, 17; 1898a, 193-225, pls. 8-9; 1898, 33 pp.—Braun, 1892a, 576, 663, 696, 699, 715, 720, 721, 739; 1893a, 879, 886, 890, 892, 895, 904, 907, 918; 1893d, 466; 1892, 49.—Darr, 1902, 651.—Fischder., 1901, 370; 1902a, 7, 26-27 (type *crumenifer*); 1903h, 488, 489, 491, 493, 496, 497, 498, 556 (diagnosis), 557 (type *crumenifer*), 557-591.—Gamb., 1896a, 73.—Gronkowski, 1902a, 515 (8).—Hoyle, 1890, 539.—Looss, 1894a, 146, 175; 1894, 17, 22, 24; 1896b, 5, 7, 8, 9, 31, 32, 171, 173, 176, 177, 178; 1898a, 459; 1899b, 541; 1902m, 638, 676.—Mont., 1888a, 7, 9, 12, 15, 52, 91, 103; 1892, Oct. 7, 214 (gen. of *Amphistominæ*) (*Gastrotylax*); 1893, 27.—Pratt, 1902, 887, 892.—Shipley, 1905, v. 6 (1), 8.—Sons., 1895, 184, 185, 186.—Ssinitzin, 1906, 688.—Stiles, 1898a, 24.

1892: *Gastrotylax* Mont., 1892, 7 Oct., 214, misprint.

*ægyptiacus* Looss, 1898a, 459, apparently lapsus for *gregarius*.

*cobboldi* Fischder., 1901, 372 (for *cobboldii*); 1902a, 31, 32, 33 (in *Palonia frontalis*, Java; Bos kerabau, Ceylon; B. taurus, China); 1903h, 542, 575, 579-583, figs. M, 63-66 (from Ceylon in Bos kerabau, from China in Bos taurus), 585, 586, 587, 588, 589, 591; 1904, 459, 463.

*cobboldii* Poir., 1883, 77-79, pl. 2, fig. 3 (in *Palonia frontalis*; Java).—Braun, 1892a, 568, 739; 1893a, 873, 907.—Fischder., 1901, 372; 1903h, 575, 579 (syn. of *G. cobboldi*).—Sons., 1895, 185.—Stiles, 1898a, 24, 67, 69, 139, fig. 63.—Also reported for Bos frontalis.

*compressus* Brand., 1898a, 197, 219-220, 222 (5, 27-28), pl. 9, figs. 9-11 (in Bos indicus; Vien. Mus.); 1898, 219-220.—Fischder., 1901, 371; 1902a, 28 (in Bos taurus indicus); 1903h, 560, 563-565, figs. 48-49 (in Bos indicus), 567.

*crumenifer* (Crep., 1847) Otto, 1896, 95-97, figs. 3, 16 (for *G. crumeniferum*).—Bettend., 1897a, 38; 1897, 342.—Brand., 1898a, 195, 197, 199, 201, 204, 216-219, 220, 221 (3, 5, 7, 9, 12, 24-27), pl. 9, figs. 1-8.—Fischder., 1901, 371; 1902a, 25, 27-28, 30 (in Bos taurus indicus, Calcutta; Bos kerabau, Ceylon); 1903h, 557 (type), 557-563, 564, 566, 567, 568, 570, 571, 572, 574, figs. H, 44-47 (in Bos zebu, B. kerabau).—Linst., 1906, 175 (in Bos bubalus).—Stiles, 1898a, 24, 67, 68, 69, 140, figs. 57-62.

*crumeniferum* (Crep., 1847) Poir., 1883, 77.—Braun, 1893a, 907.—Fischder., 1901, 371; 1903h, 557-563, figs. H, 44-47, 563, 564, 566, 567, 568, 570, 571, 572, 574 (syn. of *G. crumenifer*) (in Bos zebu, B. kerabau).—Linst., 1906, 175 (in Bos bubalus).—Rail., 1903a, 378.—Sons., 1896, 311.—Stiles, 1898a, 67.—Ward, 1895, 332 (in Bos taurus).

*elongatum* Poir., 1883, 76-77, pl. 2, fig. 2 (in *Palonia frontalis*; Java).—Braun, 1892a, 739; 1893a, 873, 907.—Fischder., 1903h, 574, 575 (syn. of *G. elongatus*) (in P. front.; Java).—Mont., 1888a, 7.—Sons., 1895, 185.—Stiles, 1898a, 24, 67, 70, 139, fig. 64.

*elongatus* [Poir., 1883, 73-79 (in *Palonia frontalis*; Java).—Brand., 1898a, 197, 198, 204, 223-225 (5, 6, 31-33), pl. 8, figs. 1-14 (in *Anoa depressicornis*; Zool. Gart., Berlin).—Fischder., 1901, 372; 1902a, 30-31 (in P. front., Java; *Anoa depr.*, Bos sp., Africa; Bos taurus, China); 1903h, 451, 512, 542 (in Bos taurus, Canton Fu-mui, China), 574-579, 580, 581, 587, figs. L, 59-62 (in P. front., Bos kerabau, *Anoa depr.*); 1904, 463.—Gronkowski, 1902a, 520 (13).—Mont., 1888a, 7.

## GASTROTHYLAX—Continued.

- gregarius* Looss, 1896b, 5-13, 170-177, pl. 1, figs. 1-3, pl. 11, fig. 116, pl. 12, figs. 119-121 (in Buffle; Alexandria, Egypt); 1898, 459; 1902m, 638.—Bettend., 1897a, 38; 1897, 342.—Brand., 1898a, 197, 198, 199, 222-223 (5, 6, 7, 30-31), pl. 9, figs. 12-16.—Fischder., 1901, 371; 1902a, 28 (in Egyptische Buffel); 1903b, 533; 1903h, 565-566, 584.—Kowal., 1898h, 158 (55).—Otto, 1896, 89-94, figs. 1-2, 11, 14, 15; 1896, 10-13.—Roessbach, 1906, 401.—Sons., 1896, 298, 311.—Stiles, 1898a, 24, 67, 71, 139, figs. 65, 66.
- mancupatus* Fischder., 1901, 371 (in African cattle); 1902a, 31-32, 33 (in *Bos taurus*; E. Africa); 1903h, 566, 584, 588, 589, 590, 591, figs. 67-71 (in *Bos taurus*, Dinka; Denjarinder, Afrika; *Bos taurus*, Africa, Nossi-Bé).
- minutus* Fischder., 1901, 372 (in Antilope sp., *Tragelaphus scriptus*, Kamerun); 1902a, 33-34; 1903h, 588-591, fig. N; 1904, 463.
- spatiosus* Brand., 1898a, 197, 220-221 (5, 28-29), pl. 8, figs. 15-16 (in *Bos taurus*, Dschidda, Arabian coast of Red Sea).—Fischder., 1901, 371; 1902a, 29, 31 (in *B. taurus*, Dschidda); 1903h, 566-570, 571, 581, 583 (in *B. taurus*), 584, 585, 586, figs. 50-54.
- synthes* Fischder., 1901, 371 (in *Bos kerabau*); 1902a, 29-30, 31 (in *B. ker.*; Ceylon); 1903h, 496, 539, 570-574, 575, 577, 578, 579, 580, 581, 584, 585, 586, figs. 55-58, J. K. (in *B. ker.*; Ceylon).

GASTROTYLAX Mont., 1892, Oct. 7, 214 (gen. of Amphistominæ) (for *Gastrothylax*).  
 GENARCHES Looss, 1902m, 732 (*Progonus* Looss, renamed; type *mülleri*).—Odhn., 1905, 364, 365, 366.

*mülleri* (Levin., 1881) [Looss, 1902m, 732] Odhn., 1905, 363, 365-366, pl. 4, figs. 8-9.

GIRODACTYLIDÆ Sons., 1890, 175, for *Gyrodactylidæ*.

GIRODACTYLIDÆ Mont., 1888, 8, 13, 15, for *Gyrodactylidæ*.

GIRODACTYLUS Mont., 1888, 83, for *Gyrodactylus*.

GLAPHYROSTOMIUM Pratt, 1902a, 889, misprint for *Glaphyrostomum*.

GLAPHYROSTOMUM Braun, 1901g, 942 (tod. *adhærens*); 1902b, 129.—Pratt, 1902a, 889 (*Glaphyrostomium*), 907.

1902: *Glaphyrostomium* Pratt, 1902a, 889, misprint.

*adhærens* Braun, 1901g, 942 (in *Mycothera* sp., *Gallinula kioloides* Puch.; Brazil); 1902b, 130, 133.

*propinquum* Braun, 1901g, 942 (in *Dendrocalaptes scandens*; Brazil); 1902b, 132-133.

GLENOCERCARIA Dies., 1858d, 244 (type?). [See p. 385.]

*flava* (La Valette, 1855) Dies., 1858d, 244-245 (includes *Cerc. ephemera* Sieb., *Histrionella eph.* Sieb., *Cerc. flava* La Valette (in *Planorbis corneus*; Berlin, Heidelberg); 1858c, 326, 327 (to *Monost.*)—Linst., 1873, 1 (young of *Monost. flavum* Mehlis).—See *Typhlocelum* 1902 (type).

*tophocerca* (Fil., 1857) Dies., 1858d, 245 (in *Paludina impura*; Turin).

*melanoglena* (Dies., 1855) Dies., 1858d, 245 (in salt water).

GLOSSIDIUM Looss, 1899b, 591-592, 594 (tod. *pedatum*); ἡ γλῶσσα, tongue.—Braun, 1902b, 55.—Heymann, 1905, 93.—Odhn., 1902, 40, 42.—Pratt, 1902, 888 (related to *Plagiorchiinae*), 899.

*pedatum* Looss, 1899b, 592, 705-706, fig. 27 (in *Bagrus bayad*, *B. docmac*; Cairo).—Luehe, 1900, 561.

GLOSSOCOTYLE Ben. & Hesse, 1863; 1864, 96, 102 (m. *alosa*).—Braun, 1890a, 414, 477, 516, 517, 522, 546.—Cerf., 1895h, 918, 920; 1896, 514, 515.—Mont., 1888, 11, 16, 86, 89, 99; 1903, 336 (syn. of *Octobothrium*).—Tasch., 1879, 239.

*alosa* Ben. & Hesse, 1863, 1864, 102-103, pl. 9, figs. 11-18 (in *Alosa vulgaris*).—Braun, 1890a, 408.—Tasch., 1879, 244 (to *Octobothrium*).

*finta* Mont., 1888, 13.

GLYPHICEPHALUS Looss, 1901l, 620-621 (tod. *solidus*); 1902m, 570-571 (type *solidus*), 576, 583, 584, 586, 589, 591, 593, 594, 596, 599, 603, 609, 610, 611, 612, 616 (diagnosis).—Pratt, 1902, 890, 909.

*crassus* Looss, 1901l, 568, 620 (in *Thalassochelys corticata*; Egypt); 1902m, 575 (to *Epibathra* as type), 876.

*lobatus* Looss, 1901l, 619 (in *Chelone mydas*; Egypt); 1902m, 416, 417, 573-575, 576, 596, 876, 877, pl. 26, figs. 81-82, pl. 27, fig. 91.

## GLYPHICEPHALUS—Continued.

*solidus* Looss, 1901l, 7. Nov., 619 (in *Chelone mydas*; Egypt); 1902m, 571–573, 574, 587, 591, 616, 876, 877, 888, pl. 26, figs. 79, 80, pl. 27, figs. 92, 93, pl. 32, fig. 178.

GLYPTELHINS Staff., 1905, Apr. 11, 686–687 (m. *quieta*); *γλυπτός*, carved; *ἐλαμνς*, worm.

*quieta* (Staff., 1900) Staff., 1905, Apr. 11, 686 (in *Hyla pickeringii*, *Rana catesbiana*, *R. virescens*; Canada) (syn. *Opisthioglyphe endoloba* Duj. of Staff., 1900, 403).

GORGODERA Looss, 1899b, 551, 605–606 (tod. *cygnoides*); *γοργός*, motile; *ἡ δέξη*, neck; 1901b, 202; 1901l, 557, 558; 1902m, 478, 480 (includes: *cygnoides*, *amplivava*, simplex), 785, 797, 844, 848, 850, 851, 854, 856, 857, 858, 859, 860, fig. 1, 862 (Gorgoderinæ, Gorgoderidæ).—Braun, 1901b, 9.—Odhn., 1902, 65.—Osborn, 1903, 257.—Pratt, 1902, 888, 901.—Ssinitzin, 1906, 685.

*amplivava* Looss, 1899b, 606, 607 (“*D. cygnoides* var. A” of Bensley, 1897, renamed); 1901b, 202, 209; 1902m, 480, 798, 837, 844, 854, 857.—Staff., 1902, 412, 419–421 (syn. *D. cygnoides* var. A of Bensley); 1905, Apr. 11, 687 (in urinary bladder of American frogs and toads).

*attenuata* Staff., 1902, 418–419 (in *Rana catesbiana*, *R. virescens*; Canada).—1905, to Gorgoderina.

*cygnoides* (Zed., 1800) Looss, 1899b, 606; 1901b, 202, 209; 1902m, 444 (*Cerc. macrocerca*), 480, 797, 798, 837, 844, 851, 854, 857, 862.—Kowal., 1902d, (9) 27 (*Cerc. macrocerca* in *Cyclas cornea*).—Luehe, 1901, 54.—Osborn, 1903, 257.—Ssinitzin, 1905, 33 (of Looss syn. of *G. loossi*).—Staff., 1905, Apr. 11, 687 (in urinary bladder of American frogs and toads).

*loossi* Ssinitzin, 1905, 33–34, pl. 3, figs. 30–31 (*G. cygnoides* of Looss, renamed); 1906, 682.

*opaca* Staff., 1902, 416–417 (in *Bufo lentiginosus*; America).

*pagenatecheri* Ssinitzin, 1905, 34–36, pl. 2, figs. 21–27 (*cygnoides* of Pag., renamed); 1906, 682, 683 [= *Dist. cygnoides* Zed. of Pag.].

*simplex* Looss, 1899b, 606, 607 (*D. cygnoides* var. B of Bensley, 1897, renamed); 1901b, 202, 209; 1902m, 480, 798, 844, 851 (type of Gorgoderina), 863.—Staff., 1902, 412, 417–418 (in *Rana catesbiana*; America).

*translucida* Staff., 1902, 413–416 (in *Bufo lentiginosus*, *Rana virescens*; America).—Osborn, 1903, 256, 257, 258.

*varsoviensis* Ssinitzin, 1905, 36–37, pl. 1, fig. 1, pl. 3, figs. 32–34; 1906, 682 (in frogs; Warschau).

*vitelliloba* (Ols., 1876) Ssinitzin, 1906, 682.

GORGODERIDÆ Looss, 1901, 558; 1902m, 485, 785, 810, 824, 843–866, 844 (diagnosis), 857 (includes Gorgoderinæ, Anaporrhutinae).—Ssinitzin, 1906, 682 (of frogs).

GORGODERINA Looss, 1902m, 851 (tod. simplex), 857 (Gorgoderidæ, Gorgoderinæ), 858, 859, 860, 862<sup>1</sup>, fig. 2.—Ssinitzin, 1906, 685 (in fish).—Staff., 1905, Apr. 11, 687.

*attenuata* (Staff., 1902) Staff., 1905, Apr. 11, 687 (American toads and frogs).

*opaca* (Staff., 1902) Staff., 1905, Apr. 11, 687 (in American frogs and toads).

*simplex* (Looss, 1899) Looss, 1902m, 857, 862, 863.—Staff., 1905, Apr. 11, 687 (American frogs and toads).

*translucida* (Staff., 1902) Staff., 1905, Apr. 11, 687 (in American frogs and toads).

*vitelliloba* (Ols., 1876) Looss, 1902m, 857, as doubtful member of genus.—Ssinitzin, 1905, 37, pl. 1, fig. 2, pl. 3, figs. 35–37; 1906, 685.

GORGODERINÆ Looss, 1899b, 604; 1901b, 202; 1901l, 558; 1902m, 478, 480, 485, 797, 844, 857 (includes: Gorgodera, Gorgoderina, Phyllodist., Catoptroides), 863 (diagnosis).—Braun, 1901b, 9.—Luehe, 1901, 488.—Odhn., 1902, 65, 67.—Pratt, 1902, 888 (Phyllodist., Gorgodera).

GRUBEA Dies., 1858e, 315, 385 (m. cochlear); 1859c, 444 (syn. *Pleurocotylus* Gerv. & Ben.).—Braun, 1890a, 518.—Mont., 1888, 84.—Tasch., 1879, 248 (syn. of *Pleurocotyle*).

*cochlear* Dies., 1858e, 385 (in *Scomber scombrus*).—Hoyle, 1890, 539.—Tasch., 1878, 575; 1879, 248 (syn. of *Pleurocotyle scombrus*).

*scombrus* (Grube, 1855) Ben. & Hesse, 1864, 100 (to *Pleurocotyle*).

(GYMNOCEPHALA) Leidy, 1877, 201 (as subg. of Dist.) [not *Gymnocephalus* Bloch, Schneider, 1801, fish; Geoffroy, 1809, birds]. Apparently for *Cerc.* (*Gymnocephala*) Dies., 1858, 246.

*ascoidea* Leidy, 1877, 201 (in *Planorbis parvus*).

(GYMNOCEPHALA) Dies., 1858d, 246, (type?) as subg. of *Cercaria*.

*agilis* (Fil., 1857).—Dies., 1858d, 248–249 (in *Lymnæus stagnalis*; Turin).

*brunnea* (Dies., 1850) Dies., 1858d, 247 (in *Lymnæus stagnalis*).—See *Dist. echinatum*.

*coronata* (Fil., 1855) Dies., 1858d, 249, 250.

*fallax* (Dies., 1850) Dies., 1858d, 247–248, 262 (in *Lymnæus stagnalis*, *Paludina vivipara*).—See *Dist. militare*.

*minuta* (Nitzsch, 1817) Dies., 1858d, 246 (in various fresh-water mollusks; Halle).

*proxima* (Lescpès, 1857) Dies., 1858d, 249–250.

*renalis* (Fil., 1855) Dies., 1858d, 265–266 (in *Helix adspersa*; Turin).

*sagittata* [Lescpès, 1857] Dies., 1858d, 249 (in *Buccinum (Nassa) reticulatum*).

*scitifera* (Mueller, 1850) Dies., 1858d, 250–251 (in sea; Trieste).

*tuberculata* (Fil., 1857) Dies., 1858d, 248 (in *Paludina impura*; Turin).

GYMNOCEPHALÆ Dies., 1858d, 246, see *Gymnocephala*.

GYMNOPHALLINÆ Odhn., 1905, 314.

GYMNOPHALLUS Odhn., 1900, 12–23 (tod. deliciosus); 1905, 312, 313, 314.—Loos, 1901b, 200; 1902m, 839.—Luehe, 1900, 505, 506; 1901, 488; 1904, 79–82.—Marshall & Gilbert, 1905, 479.—Pratt, 1902, 889, 902.—Ward, 1901, 177.

*bursicola* Odhn., 1900, 14, 20–21, 22, fig. 4 (in *Somateria mollissima*; west coast of Sweden); 1905, 312, 313 (includes *Levithodendrium somateriæ* e. p. of Jameson).

*choledochus* Odhn., 1900, 14, 18–19, 22, fig. 3 (in *Vulpanser tadorna*; loc.?); 1905, 312, 313–314 (in *Somateria mollissima* at Eisfjord, W. Spitzbergen, and S. spectabilis at Franz-Joseph's Fjord, Greenland).

*deliciosus* (Olss., 1893) Odhn., 1900, 14–17, 18, 19, 20, 21, 22, figs. 1–2 (in *Larus argentatus*, *L. canus*, *L. fuscus*); 1905, 311 (in *Larus glaucus*, *L. marinus*).

*micropharyngicus* (Luehe, 1898) Odhn., 1900, 14, 17, 22.—Luehe, 1900, 505; 1901, 57.

*somateriæ* (Levin., 1881) Odhn., 1900, 14, 19–20, 21, 22; 1905, 311–313, pl. 2, fig. 8 (in *Somateria mollissima*, *S. spectabilis*).

GYNECOPHORA Weinland, 1858, 87 (family name); 1859, 281.—Stiles & Hass., 1898a, 90, 94.

GYNECOPHORUS Dies., 1858c, 312, 356 (type *hæmatobius*).—Braun, 1893a, 880, 885, 894, 912; 1903, 3. ed., 168 (syn. of *Schistosomum*).—Cobbold, 1879b, 39; 1885a, 498 (syn. of *Bilharzia*).—Dunglison, 1893, 502.—Hoyle, 1890, 539 (= *Bilharzia*).—Huber, 1896a, 580 (syn. of *Bilharzia*).—Leuck., 1863, 617.—Mont., 1888, 92.—Rail., 1893a, 371.—Simon, 1897, 99.—Stiles & Hass., 1898a, 90, 93, 94.—Stoss., 1892, 4, 5.—Ward, 1895, 253.

*bovis* (Sons., 1876) Rail., 1893, 375.—Dolley.—Stiles, 1898a, 60.

*crassus* (Sons., 1888) Stoss., 1892, 6 (syn. *Bilharzia bovis*) (in *Bos taurus ægyptus*, *Ovis aries*).—Rail., 1893a, 375.—Stiles, 1898a, 60.—Ward, 1895, 332 (in *B. taurus*), 335 (in *O. aries*).

*hæmatobius* (Bilharz, 1853) Dies., 1858c, 356–357 (in *Homo*); 1859c, 480.—Aitken, 1866, 804, 840; 1872, 205 (to *Bilharzia*).—R. Bl., 1888a, 636.—Cobbold, 1866a, 6.—Harley, 1864a, 62 (to *Dist.*).—Huber, 1894, 298.—Rail., 1892, 161–164 (embryo); 1893a, 371.—Stiles, 1898a, 58.—Stoss., 1892, 5–6 (in *Homo*; Egitto, Nubia, Tunisia, Natale, Capo, Costa d'oro, Arabia; *Cercopithecus fuliginosus* in Africa).—Ward, 1895, 253, 256, 328 (in *Homo*), fig. 7; 1903, 872.

*magnus* (Cobbold, 1859) Stoss., 1892, 6 (syn. *Bilharzia magna*) (in *Cercopithecus fuliginosus*; Africa).—Braun, 1901c, 311.

GYRADACTYLIDÆ Mont., 1888a, 66, 107, see *Gyrodactylidæ*.

GYROCOTYLE Dies., 1850a, 408 (m. rugosa); 1859a, 492; 1859c, 447.—Mont., 1889c, 228–230 (*Amphiptyches* G. & W.); 1890b, 327–329; 1896, 153. [*Cestodaria*].

*rugosa* Dies., 1850a, 408 (in *Antilope pygæa*; Port Natal); 1859a, 492 (in *Mactra edulis*; Valparaiso); 1859c, 447.

*urna* (Grube & Wag., 1852) Mont., 1896, 151.

**GYRODACTYLE** Moul., 1856a, 10, for *Gyrodactylus*.

**GYRODACTYLEÆ** Cerf., 1899a, 452.

**GYRODACTYLIDÆ** Cobbold, 1877f, 326; 1879b, 4.—R. Bl., 1888a, 541 (embraced in *Polystomiens*).—Braun, 1890a, 463, 465, 469, 511, 516, 517, 519, 523, 533, 538, 542; 1890b, 127; 1893a, 890.—Cerf., 1899a, 452.—Gamb., 1896a, 53, 61, 73.—Goto, 1899, 291.—Jackson, 1888, 642, 654 (includes: *Gyrodactylus*, *Dactylogyrus*, *Calceost.*, etc.).—Maclaren, 1904, 583, 597, 598, 599, 600, 601.—Mont., 1888a, 8, 13, 15 (*Gyrodactylidæ*): 1889, 116; 1891, 108, 109; 1905, 80.—Par. & Perugia, 1889, 745.—Scott, 1901, 141.—Sons., 1890, 175 (*Gyrodactylidæ*).—See also next entry.

**GYRODACTYLIDÆ** "Ben. & Hesse, 1863," —.—Hoyle, 1890, 539 (includes: *Gyrodactylus*, *Dactylogyrus*, *Tetraonchus*, *Diplectanum*, *Calceost.*, *Sphyrnura*).—Mont., 1888, 7, 8, 10, 11, 14, 20, 24, 37, 66, 70, 86, 88, 90, 101, 107, 108; 1903, 336 (raised from subf. to family rank; subf.: *Gyrodactylinæ* (*Gyrodactylus*, *Dactylogyrus*); *Tetraonchinæ* (*Tetraonchus* = *Ancyrocephalus* = *Amphibdella* = *Dactylo-discus*); *Diplectaninæ* (*Diplectanum*); 1892, Oct. 7, 213 (fam. of *Eterocotylea*, includes subf. *Calceostominæ*, *Gyrodactylinæ*).—Par. & Perugia, 1890, 8.—Pratt, 1900a, 646, 653 (includes: *Gyrodactylus*, *Dactylogyrus*, *Tetraonchus*, *Diplectanum*, *Calceost.*, *Amphibdella*, *Dactylo-discus*, *Fridericianella*, *Anoplodiscus*).—Stoss., 1898, 16–17.—Tasch., 1879, 69; 1879, 235, 237, 238, 260.—See also foregoing entry.

**GYRODACTYLIDÆ** "Ben."—Olss., 1893, 6.

**GYRODACTYLIDÆS** Tasch., 1879, 235.—Mont., 1888, 86.

**GYRODACTYLINÆ** Mont., 1892, Oct. 7, 213 (subf. of *Gyrodactylidæ*); 1903, 336 (f. *Gyrodactylidæ*): 1905, 65, 80.—Braun, 1893a, 890.—Gamb., 1896, 73.—St.-Remy, 1898, 523, 564.

**GYRODACTYLUS** Nord., 1832a, 105–106 [type by elimination *elegans*]; 1840, 603.—Ben., 1858a, 1861a, 11, 63–66, 171, 177, 297.—Ben. & Hesse, 1864, 121.—Biehringer, 1884, 19, 23.—Braun, 1883a, 57; 1889i, 440; 1889k, 622; 1890a, 412, 416, 436, 438, 443, 444, 445, 448, 450, 451, 452, 468, 470, 478, 486, 492, 503, 508, 511, 515, 516, 517, 523, 542, 543; 1892a, 813; 1893a, 888, 889, 890; 1893b, 179, 184, 187.—Burns., 1856a, 251.—Carus, 1863, 478.—Crep., 1838, 84; 1839, 301.—Dies., 1850a, 290, 432, 433 (syn. of *Dactylogyrus*), 650, 651; 1858c, 314, 374–375; 1859c, 423, 439.—Duj., 1845a, 480–481.—Fraip., 1880c, 442.—Gamb., 1896, 55, 61, 63, 73.—Goldb., 1855, 20.—Haswell, 1892b, 150; 1893c, 114.—Hoyle, 1890, 539.—Jackson, 1888, 643, 646, 648, 654.—Kath., 1894a, 125–164; 1894b, 125–164; 1895a, 431; 1899a, 328–329.—Leuck., 1863, 48, 51, 489; 1879, 58, 62.—Looss, 1892a, 72.—Maclaren, 1904, 586, 587, 598, 599, 600.—Metschnikoff, 1869a, 61–65 (embryology).—Mont., 1888, 10, 13, 14, 53, 63, 70, 71, 72, 73, 76, 84, 86, 95, 101, 107, 108; 1889, 114; 1891, 109, 111; 1892, Oct. 7, 186, 213 (g. of *Gyrodactylinæ*); 1903, 336 (subf.: *Gyrodactylinæ*).—Odhn., 1900, 65.—Plehn, 1905, 28–30 (treatment with ammonia).—Pratt, 1900a, 646, 654, 657, fig. 43, 661.—Roth, 1904, 60–61 (treatment).—St. Remy, 1898, 524, 565.—Sieb., 1839, 163; (1849) v. 1 (4), 347–363.—Tasch., 1879, 69; 1879, 233, 258, 260 (syn. *Dactylogyrus*), 261 (syn. of *Dactylogyrus*), 263 (of Wedl, syn. of *Tetraonchus*).—Wagener, 1857, 25, 26, 49, 50, 76.—Wallenstedt, 1847, 7.

*anchoratus* Duj., 1845a, 480–481, pl. 8, fig. j (t. h. "carpe").—Bradley, 1861a, 257.—Dies., 1850a, 432.—Kath., 1894a, 155, 156.—Tasch., 1879, 261 (syn. of *Dactylogyrus auriculatus*).—Wagener, 1857, 49.

*auricularis* Wedl, 1857, 254, 258, 259, 274, 277, pl. 3, figs. 27–31 [uses *auricularis* and *auriculatus*], in *Cyprinus carpio*.—Dies., 1858c, 376 (syn. of *Dactylogyrus anchoratus*).—Kath., 1894a, 157.—Tasch., 1879, 261 (syn. of *Dact. auriculatus*).

*auriculatus* Nord., 1832a, 108–109, pl. 10, figs. 4–9 (t. h. *Cyprinus brama*); 1840, 546, 603–604.—Ben., 1858a, 1861a, 64, 66–67, pl. 7, figs. 9–11 (in *C. br.*).—Braun, 1891d, 421.—Crep., 1838, 84, 85, 86, 87; 1839, 301.—Dies., 1850a, 432 (of Duj., 1845a, 480, syn. of *G. dujardinianus*), 433 (of Nord., type of *Dactylogyrus*); 1859c, 440 (of Ben., 1858, 66, syn. of *Dact. duj.*).—Duj., 1845a, 480, pl. 8, fig. H.—Kath., 1894a, 155, 156.—Mont., 1888, 10.—Sieb., 1835, 70.—Tasch., 1879, 260 (of Duj. syn. of *Dact. duj.*), 261 (of Nord., to *Dactylogyrus*).—Wagener, 1857, 49, 50.—Wedl, 1857, 258–274, pl. 3, figs. 27–31.

*cochlea* Wedl, 1857, 258–274, pl. 3, figs. 32–37 (in *Esox lucius*).—Cobbold, 1862m, 38; 1879b, 466.—Dies., 1858c, 380 (syn. of *Tetraonchus monenteron*).—Kath., 1894a, 157.

## GYRODACTYLUS—Continued.

- crassiusculus* Wedl, 1857, 258–274, pl. 4, figs. 38–40 (in *Lucioperca sandra*).—Cobbold, 1862m, 38; 1879b, 466.—Dies., 1858e, 381 (syn. of *Tetraonchus unguiculatus*).—Kath., 1894a, 157.—Tasch., 1879, 263 (syn. of *Tetr. ung.*).
- crucialis* Wedl, 1857, 258–274, pl. 4, figs. 46–47 (in *Cobitis fossilis*).—Dies., 1858e, 381 (to *Tetraonchus*).—Kath., 1894a, 157.—Tasch., 1879, 264 (to *Tetr.*).
- dujardinianus* Dies., 1850a, 432 (*auriculatus* of Duj., 1845a, 480, pl., fig. H. renamed) (in *Cyprinus carpio*, *Leuciscus rutilus*); 1858e, 376 (to *Dactylogyrus*).—Kath., 1894a, 156.—Kroyer, 1852–53a, 1224 (in *Leuc. rut.*).
- elegans* Nord., 1832a, 106–108, pl. 10, fig. 1–3 (t. h. *Cyprinus brama*); 1840, 603.—Ben., 1858a, 1861a, 11, 64, 67–68, 223, pl. 7, fig. 12 (in *Cyp. br.*).—Ben. & Hesse, 1864, 121.—Bradley, 1861b, 209–210 (on stickle-back in Hampstead ponds).—Braun, 1883a, 57, 71; 1890a, 417, 425, 426, 438, 454, 455, 508, 543, 549, 550, 551; 1893b, 179.—Cobbold, 1862m, 35–39; 1879b, 464, 465, 466, fig. 79.—Crep., 1838, 84, 85, 87; 1839a, 301.—Dies., 1850a, 432, 649, 651; 1852, 417, v. 13, 51–54; 1858e, 375 (in *Cyp. carpio*, *Abramis brama*, *Gasterosteus aculeatus*, *G. pungitius*, *Phoxinus laevis*, *Cobitis barbatula*); 1859c, 439–440.—Duj., 1845a, 480.—Gamb., 1896, 61, fig. 29.—Houghton, 1862a, 77 (in Shropshire).—Hoyle, 1890, 539, 540, fig. 3-G.—Jackson, 1888, 650.—Janicki, 1903a, 241–245, figs. 1–4 (egg segmentation); 1903b, 380.—Kath., 1894a, 127, 129, 130, 132, 133, 134, 140, 141, 144, 150, 155, 156, 157, 158, pl. 7, figs. 1, 2, 5, 6; 1899a, 328; 1904a, 519–550, figs. A–K, 1–26 (development); 1904b, 444–445; 1905a (1, 31), 18–19.—Kholodk., 1899a, 148.—Kowal., 1902d, 23 (5) (in *Cyp. carpio*); 1904, 328–329; 1904, 10, (25) (in *Cyp. carpio*; Galicia); 1905a, 18–19.—Kroyer, 1838–40a, 592, 593; 1852–53a, 1225, 1226 (in *Phoxinus aphyia* L., *Cob. barb. L.*, *Gast. acul.*, *G. pungitius*).—Leuck., 1863a, 489.—Levin., 1881a, 79.—Mont., 1888a, 8, 70; 1891, 111; 1892, Oct. 7, 186.—Odhn., 1905, 372.—Olss., 1893, 6.—Pavesi, 1881, 616.—St.-Remy, 1898, 565–566.—Schneidmuehl, 1896, 303.—Sieb., 1839, 164; 1849, 347.—Sramek, 1901, 95, 110, fig. 65 (in *Abramis brama*).—Tasch., 1879, 260–261 (in *Cyp. carpio*, *Abramis brama*, *Gast. acul.*, *G. pungitius*, *Phoxinus laevis*, *Cob. barb.*).—Wagener, 1857, 49, 50, 51–54, 57, 60, 63, 64, 76; 1860, 768–793, pls. 17–18; 1861, v. 1, 196–212 (reported also for *Abramis vimba*, *Cyclopterus lumpus*, *Esox lucius*, *Gobius minutus*, *Leuciscus phoxinus*).
- falcatus* Wedl, 1857, 258–274, pl. 4, figs. 48–50 (in *Cyprinus sp.*).—Dies., 1858e, 377 (to *Dactylogyrus*).—Kath., 1894a, 157.—Tasch., 1879, 261 (to *Dact.*).
- gracilis* Kath., 1894a, 129, 131, 139, 141, 143, 147, 150, 157, 158–159, pl. 7, figs. 4, 7, (in *Cobitis fossilis*, *Cyprinus carpio*, *Gobius fluviatilis*, *Leuciscus erythrophthalmus*, *L. rutilus*) [= *G. elegans* of Ben.].—Odhn., 1905, 372.—St.-Remy, 1898, 566.
- granlandicus* Levin., 1881a, 78–79, pl. 3, figs. 5–6 (in *Cottus scorpius*; *Egedesminde*).—Odhn., 1905, 372.—Pratt, 1900, 372; 1900, 657, 661, fig. 43.
- medius* Kath., 1894a, 129, 131, 137, 141, 143, 147, 150, 158, pl. 7, figs. 3, 8, pl. 8, figs. 9–16, pl. 9, figs. 17–24 (in *Cobitis fossilis*, *Cyprinus carpio*); 1899a, 328.—Odhn., 1905, 372.—St.-Remy, 1898, 566.
- mollis* Wedl, 1857, 258–274, 272, pl. 4, fig. 51 (in *Cyprinus carpio*).—Dies., 1858e, 379 (to *Dactylogyrus*).—Kath., 1894a, 157.—Tasch., 1879, 262 (to *Dact.*).
- species* Ben., 1870, 27, pl. 3, fig. 14, see *Dactylogyrus benedeni*.—St.-Remy, 1898, 566, 567.
- species* Ben., 1870, 64, pl. 3, fig. 13.
- tenuis* Wedl, 1857, 258–274, 270, 278, pl. 4, figs. 41–45 (in *Perca fluviatilis*).—Cobbold, 1862m, 38, 39.—Dies., 1858e, 379 (to *Dactylogyrus*).—Kath., 1894a, 157.—Tasch., 1879b, 262 (to *Dact.*).

## GYRODAKTLIDÆ Schneidmuehl, 1896, 296, for Gyrodactylidæ.

HÆMATOBIUM shortened form of *Dist. hæmatobium* Dunglison, 1893, 506; also Reichenback's term for a blood corpuscle.—Billings, 1890, 612.—Danilewsky, 1890c, 753 [= *Plasmodium*].

*equi* Burke, 1882, 320, fig. 1 (a blood filaria), 322, fig. 2 (egg of fluke).

HÆMATOLECHUS Looss, 1899b, 600–601, 602, 603 (tod. *variegatus* Looss, 1899) [not *Hæmatolæcha* Stål, 1874, hemipteron] (renamed: *Pneumonoëces* Looss, 1902m, 732) *αἱματολοιχός*, blood sucking; 1902m, 732, 839.—Klein, 1905, 64.—Luehe, 1900, 557, 561.—Odhn., 1902, 41.—Ofenheim, 1900, 156, 164, 182.—Pratt, 1902, 888, 900; 1903, 37.—Staff., 1902, 418; 1902, 725; 1902, 895–912; 1905, Apr. 11 (= *Pneumonoëces*).—Stiles, 1901r, 189.—Stiles & Hass., 1901d, 20.

**HÆMATOLECHUS**—Continued.

*asper* Looss, 1899b, 601, 603–604 (separated from *variegatus*).—Luehe, 1902, 238.—Staff., 1902, 896.

*breviplexus* Staff., 1902, 901, 904–905, pl. 33, fig. 2 (in *Rana catesbiana*, *R. virescens*; Canada).

*longiplexus* Staff., 1902, 901–903, pl. 33, fig. 1 (in *Rana catesbiana*; Canada).

*medioplexus* Staff., 1902, 901, 908–910, pl. 33, fig. 5 (in *Bufo lentiginosus*, *Rana virescens*; Canada).

*similigenus* Stiles & Hass., 1902d, 20 (*H. similis* [*Distoma simile*] renamed).

*similiplexus* Staff., 1902, 901, 907–908, pl. 33, fig. 4 (in *Rana virescens* Kalm, *Bufo lentiginosus* Shaw; Canada).—Seely, 1906, 252.

*similis* Looss, 1899b, 601, 602 (“*Dist. simile* Looss, 1899” nec Sons., 1890).—Staff., 1902, 896, 908.—Stiles, 1901, 178.—Stiles & Hass., 1902d, 20 (renamed *similigenus*).

*variegatus* (Rud., 1819) Looss, 1899b, 601, 602; 1902m, 429, 732 (type of *Pneumonæces*).—Luehe, 1900, 556.—Ssnitzin, 1905, 137–140; 1906, 686 (in *Calopteryx virgo*; Warschau).—Staff., 1902, 896, 906.—Stiles, 1901, 178.—Stoss., 1902, 5.

*varioplexus* Staff., 1902, 901, 906, pl. 33, fig. 3 (in *Rana catesbiana*; Canada).

**HÆMATOTREPHUS** Stoss., 1902, 8, 22–23 (tod. *lanceolatus* Wedl).

*cymbius* (Dies., 1850) Stoss., 1902, 27–28 (in *Himantopus wilsoni*; Brazil).

*fasciatus* Stoss., 1902, 25, pl. 6, figs. 21, 22 (in *Numenius arquatus*; locality?).

*lanceolatus* (Wedl, 1858) Stoss., 1902, 23–24, pl. 5, figs. 17, 18 (in *Himantopus candidus*; Rome; *H. melanopterus*).

*phaneropsolus* Stoss., 1902, 25–26, pl. 6, figs. 23, 24 (in *Totanus* sp.; Yeddo, Japan).

*similis* Stoss., 1902, 24, pl. 5, figs. 19, 20, pl. 8, fig. 30 (in *Himantopus atropterus*; Cairo, Alexandria).

*tringæ* (Brand, 1892) Stoss., 1902, 26–27, pl. 7, fig. 26 (in *Tringa variabilis*; Tor, Sinai).

**HALICOMETRA** Pratt 1902a, 888 (subf., *Psilostominæ*) 896, for *Helicometra*.

**HALIPEGUS** Looss, 1899b, 645–646 (m. *ovocaudatus*); *ἄλις*, enough; *πυγός*, well fed; 1902m, 839.—Odhn., 1905, 364.—Ofenheim, 1900, 183.—Luehe, 1901, 485.—Pratt, 1902a, 889 (related to *Syncoeliinæ*), 905.

*dubius* Klein, 1905, 68 (in *Coluber olivaceus*); 1905, 10.

*longispina* Klein, 1905, 65–68, pl. 5, fig. 3 (in *Rana hexadactyla*); 1905, 7–10.

*occidialis* Staff., 1905, Apr. 11, 687–688 (in *Rana clamata* Daud., *R. catesbiana* Shaw; Canada) (syns.: *Dist. ovocaudatum* of Nickerson 1898, 261, and of Staff., 1900, 409).

*ovocaudatus* (Vulpian, 1858) Looss, 1899b, 645.—Klein, 1905, 7, 8, 9; 1905, 65.—Luehe, 1900, 507; 1900, 558, 559.—Odhn., 1905, 364.—Ssnitzin, 1905, 140–144; 1906, 686 (in *Calopteryx virgo*; Warschau); larva is *Cerc. cystophora*.—Staff., 1904, May 3, 484 (compared with *Derogenes varicus* (in mouth of frogs) sp. Luehe, 1900, 558–559.—See *dubius* Klein, 1905).

**HALZOUN** Khouri, 1904, 78, name of disease, see sub *Fascioliasis*.

**HAPALOMETRA** Pratt, 1902, 889, misprint for *Hapalotrema*.

**HAPALOTREMA** Looss, 1899b, 656–657 (m. *constrictum*=*mistroides*); 1902m, 415, 520, 521, 523, 524, 839.—Braun, 1902b, 23.—Luehe, 1901, 488.—Odhn., 1902, 41, 42.—Ofenheim, 1900, 183.—Pratt, 1902a, 889 (*Hapalometra*, misprint), 907.

1902: *Hapalometra* Pratt, 1902a, 889, misprint.

*constrictum* (Leared, 1862 [nec Mehlis, 1846]) Looss, 1899b, 656, 750–752, figs. 72–75; 1902m, 417, 519–521 (in *Thalassochelys torticaria* in Egypt).

*mistroides* (Mont., 1876).—Stiles & Hass., 1908, 279.

**HAPLOMETRA** Looss, 1899b, 599–600 (tod. *cylindræca*), 601, 602, 603; 1902m, 839.—Luehe, 1900, 557, 561.—Odhn., 1902, 41.—Ofenheim, 1900, 182, 183.—Pratt, 1902, 888, 900.—Staff., 1905, Apr. 11, 691.

*cylindræca* (Zed., 1800) Looss, 1899b, 600.—Darr, 1902, 663, 678.—Kowal., 1902d, (8) 26; 1904, (9) 24, (in *Rana temporaria*; Dublany).—Luehe, 1900, 556, 557.

**HAPLOMETRINÆ** Pratt, 1902a, 888, 900 (includes: *Haplometra*, *Hæmatolæchus*, *Ostriolum*, *Macrodera*; related genera: *Opisthogonimus*, *Asymphyllodora*).



- HAPLOPORINÆ** Looss, 1902, 129-143, 14 figs., distome subf.
- HAPLORPORUS** Looss, 1902h, 134-135 (tod. benedeni).  
*benedeni* (Stoss., 1887) Looss, 1902h, 135, 136-138, figs. 5-6.  
*lateralis* Looss, 1902h, 138-139, figs. 7-8 (in *Mugil auratus*, M. chelo).
- HAPLORCHIDINÆ** Pratt, 1902, 890 (includes: *Haplorchia*, *Galactosomum*, *Opisthotrema*, *Cyclocelum*, *Notocotylus*, *Ogmogaster*, *Stictodora*, *Mesometra*, *Monost.*).
- HAPLORCHINÆ** Looss, 1899b, 671.
- HAPLORCHIS** Looss, 1899b, 670-671 (tod. *pumilio*); *ἀπλοῦς*, single; 1902m, 442, 512.—MacCallum, 1902, 636.—Pratt, 1902, 890, 910.  
*cahirinus* (Looss, 1896) Looss, 1899b, 671, 752-754, fig. 89.  
*pumilio* (Looss, 1896) Looss, 1899b, 671.
- HAPLOSPLANCHNUS** Looss, 1902i, July 26, 119-122 (m. *pachysomus*); 1902k; 1903n, 899; 1905h.—Odhn., 1905, 293.  
*pachysomus* (Eysenhardt, 1829) Looss, 1902i, 129.
- HAPLOSTOMUM** Burm., 1856a, 250 ("Bei den Holostomiden (*Acolytea* Dies.) ist ausser der Sauggrube, worin sich der Mund befindet, keine zweite Sauggrube am Körper vorhanden.—*Diplostomum* und *Haplostomum* mit den davon abgezweigten Formen haben weit von einander getrennte Geschlechtsöffnungen; bei *Holostomum* stehen sie dicht neben einander").
- HARMOSTOMINÆ** Looss, 1900, 605.—Pratt, 1902, 889, 907 (includes: *Harmost.*, *Itygonimus*, *Glyphyrostomum*, *Scaphiost.*).
- HARMOSTOMUM** Braun, 1899g, 492 (tod. *leptostomum*; also places here *D. spinulosum* Hofm., *D. opisthotrias* Lutz); 1900h, 5, 11, 12, 13; 1901b, 34; 1901c, 338, 342 (syn. *Heterolope*); 1901, 562, 564, 567; Braun, 1901, 897; 1902b, 114, 115, 116, 120, 122, 125, 135 (syn. *Heterolope*).—Cohn, 1902, 880.—Looss, 1900, 605 (*Marmost.*, misprint); 1901, 199; 1902m, 813, 839.—Luehe, 1900, 557; 1901, 488.—Odhn., 1902, 42.—Pratt, 1902, 889, 907.—Stiles, 1901, 183, 185.  
1899: *Heterolope* Looss, 1899b, 551, 651-652, 653, 655 (tod. *leptostoma*) [not *Heterolope* Franzenau, 1884, protozoon].  
1900: *Marmostomum* Looss, 1900, 605, misprint.  
*æquans* (Looss, 1899) Braun, 1900h, 12; 1901e, 338.  
*caudale* (Rud., 1809) Braun, 1901f, 562; 1902b, 123, 124 (syn. *Dist. caryocatactis* Zed.) (in *Nucifraga caryocatactes*).  
*centrodes* Braun, 1901g, 941 (in *Tinamus variegatus* Lath.; Brazil); 1902b, 120, 121, 122, figs. 73, 74.  
*fuscatum* (Rud., 1819) Braun, 1902b, 114, 115 (in *Coturnix communis*), 116, 118, 129, fig. 71.  
*leptostomum* (Olss., 1876) [Braun, 1899g, 492]; 1906, 133, fig. 68 (in *Helix hortensis*).  
*marsupium* Braun, 1901g, 941 (in *Perdix rufina* Spix; Brazil); 1902b, 118, 121, fig. 72.  
*mesostomum* (Rud., 1803) Braun, 1902b, 128 (syn. *D. caudale* Rud.).  
*mordens* Braun, 1901g, 941 (in *Rallus* sp.; Brazil); 1902b, 122, 132, fig. 75.  
*opisthotrias* (Lutz, 1895) Braun [1899g, 492] 1901c, 338-339.  
[*spinulosum* (Hofman, 1899) Braun, 1899g, 492.]
- HECTOCOTYLUS** Cuv., 1829b, 147 (type octopodis).—This supposed worm is not a trematode, but a male mollusk. The name is written in various ways: *Hectocotyle*, etc.
- HELICOMETRA** Odhn., 1902, 160-161 (tod. *pulchella*); 1905, 327, 328.—Stoss., 1902, v. 7 (3), 373-376, 1 fig.; 1904, 199; 1905, Jan. 31, 23; 1905, Jan. 10, 789.  
1902: *Halicometra* Pratt, 1902a, 888, 896, misprint.  
*fasciata* (Rud., 1819) Odhn., 1902, 161, 162.—Stoss., 1903, 373, 375; 1904, 13.  
*flava* Stoss., 1903, 373-376, 1 fig. (in *Centropristis hepatus*; Triest); 1904, 13.  
*gobii* (Stoss., 1883) Stoss., 1904, 12-13 (in *Gobius jazo*; Triest).  
*mutabilis* (Stoss., 1902) Stoss., 1903, 375, 376; 1904, 13.—Engler, 1904, 186.—Hil-lack, 1902a, 868.  
*pulchella* (Rud., 1819) Odhn., 1902, 161-162, fig. 3 (syn. *D. labri* Stoss.).—Stoss., 1903, 373, 375; 1904, 13.  
*sinuata* (Rud., 1819) Odhn., 1902, 162.—Stoss., 1903, 373, 375; 1904, 13.

- HEMISTOMA** Cobbold, 1876, 853, for *Hemistomum*.—Fischder., 1903h, 488.
- HEMISTOMEÆ** Brand., 1890a, 585.
- HEMISTOMIDÆ** Brand., 1888a, 58.—Braun, 1893a, 887.—Heider, 1900, 19–22, 4 figs. (Braunina n. g.).
- HEMISTOMINÆ** Braun, 1893a, 890, 895, 902.—Mont., 1892, Oct. 7, 214 (subf. of *Holostomidae*).—Mueh., 1898, 18.—Pratt, 1902, 890 (*Hemist.*).—Wolf, 1903, 621.
- HEMISTOMUM** Dies., 1850a, 287, 307–312 (type by inclusion *alatum*=*Alaria vulpis*; also type by first species rule) (syns.: *Plan. Goeze*, *Festuc. et Alaria* Schrank, *Fasc. Gmelin*, *Strigea* Abildg., *Dist. et Amphist. Rud.*, *Holost. Nitzsch*), 397 [not *Hemistomia* (Crosse, 1872, mollusk)]; 1855, 60–61; 1858e, 312, 318–319.—Brand., 1888a, 8, 9, 12, 13, 14, 50, 59; 1892, 505.—Braun, 1892a, 599, 600; 1893a, 872, 879, 887, 890, 894, 895, 900, 902, 917; 1894, 166; 1895b, 132, 136.—Carus, 1863, 479.—Cohn, 1904, 235.—Fischder., 1903h, 488.—Gamb., 1896, 73.—Goldb., 1855, 17.—Johnston, 1904a (in Australian birds).—Hoyle, 1890, 539 (3 sp., 1 in wild cat, 2 in birds).—Looss, 1896b, 13 (sp. of *Sons.*, syn. of *Gastrotrochiscus aegyptiacus*).—Mont., 1888, 71, 84, 91; 1891, 105, 109; 1892, Oct. 7, 214 (gen. of *Hemistominæ*).—Moul., 1856a, 12, 15.—Pratt, 1902, 890, 908.—Rail., 1893a, 381; 1896, 160 (=Conchosomum).—Schneidemuehl, 1896, 295, 303.—Villot, 1878, 19; 1898, 538.—Wolf, 1903, 607.
- 1876: *Hemistoma* Cobbold, 1876, 853.
- aegyptiaca* (Cobbold, 1876) Cobbold, 1876, Dec., 853–854.
- alatum* (Goeze, 1782) Dies., 1850a, 307–308 (includes *Plan. alata* Goeze, *Festuc. alata* Schrank, *Fasc. alata* Rud., *Dist. alatum* Zed., *Holost. alatum* Nitzsch, *Fasc. vulpis* Gmelin, *Alaria vulpis* Schrank, *Dist. vulpina* Abildg.).—Anacker, 1892c, 94.—Baillet, 1866b, 106 (to *Holost.*).—Brand., 1888a, 16, 60 (syns. *Alaria vulpis* Schrank, *Dist. alatum* Rud., *D. vulpina* Abildg., *Fasc. alata* Rud., *Festucaria alata* Schrank, *Fasc. vulpis* Schrank, *Holost. alatum* Nitzsch, *Plan. alata* Goeze) (in *Canis familiaris*, *C. vulpis*, *Thos. cancrivorus*); 1890a, 568, 569, 587, pl. 40, figs. 1–5.—Braun, 1883b, 25; 1892a, 569, 599; 1893a, 879, 902; 1896b, 3; 1896d, 583; 1897c, —; 1901c, 336.—Cobbold, 1879b, 432.—Dav., 1877a, 233.—Mol., 1858, 127; 1861, 193.—Mueh., 1898, 18.—Par., 1894, 202, 620, 809, 1050.—Rail., 1893a, 382; 1896, 160 (to *Conchosomum*).—Ratz, 1898, 397.—Schneidemuehl, 1896, 303.—Sons., 1889, 192 (*Emistomum*).—Stoss., 1891, 111 (in *Vulpes vulgaris*).—Ward, 1895, 341 (in *Canis familiaris*).—Zuern, 1882, 221.—Also reported for *Canis azaræ*, *Canis lagopus*, *C. lupus*, *Megalotis cerdo*.
- attenuatum* Linst., 1906, 11–12, pl. 1, fig. 13 (in *Buteo vulgaris*).
- auritum* (Duj., 1845) Dies., 1850a, 311–312 (in *Strix flammea*, Apr., Rhedoni).—Brand., 1888a, 62; 1890a, 589 (in *St. flam.*).—Braun, 1893a, 902.
- clathratum* Dies., 1850a, 308 (t. h. *Lutra brasiliensis*; Matogrosso, Brazil); 1855, 61, pl. 1, figs. 13–15; 1858e, 318, 319.—Brand., 1888a, 60–61; 1890a, 587–588, pl. 40, figs. 6–13 (in *L. bras.*).—Braun, 1892a, 569, 582, 599, 699; 1893a, 902.—Cobbold, 1879b, 298.—Wolf, 1903, 605, fig. 2.
- commutatum* Dies., 1850a, 311 (includes “*Amphist. pileatum*” of Bremser, pl. 8, figs. 28, 29, not of Rud., 1819) (t. h. *Sterna caspica*; June, M. C. V.).—Brand., 1888a, 62; 1890a, 590 (in *S. cas.*).—Braun, 1893a, 902.
- cordatum* Dies., 1850a, 308–309 (t. h. *Felis catus ferus*; Nov., M. C. V.); 1855, 61, pl. 1, figs. 16–18; 1858e, 319.—Brand., 1888a, 24, 25, 61–62; 1890a, 552, 554, 589, pl. 40, figs. 18, 20 (in *Felis catus*); 1892, 505.—Braun, 1892a, 569, 579; 1893a, 902.—Cobbold, 1879b, 307.—Heider, 1900, 19, 21.—Schneidemuehl, 1896, 303.—Wolf, 1903, 605, 606, 609, fig. 3.
- denticulatum* (Rud., 1819) Dies., 1850a, 311 (in *Alcedo ispida*; Rhedoni).—Brand., 1888a, 62 (in *A. isp.*; Wien. Mus.); 1890a, 589.—Braun, 1893a, 902.—Villot, 1898, 538, 539, 540, 541, 542 (adult of *Diplost. volvens*; larva in *Phoxinus laevis*).—Wolffhuegel, 1900, 9, 18.
- ellipticum* Brand., 1888a, 59–60, 67 (in *Piaya cayana*; by Natterer); 1890a, 586, 595.—Braun, 1893a, 902 (Brazil).
- excavatum* (Rud., 1803) Dies., 1850a, 309–310 (in *Ciconia alba*, July, Gryphæ; *C. nigra*).—Braun, 1893a, 902; 1894, 167.—Brand., 1888a, 62; 1890a, 590 (in *Ciconia alba*, *C. nigra*).—Giebel, 1857, 265.—Mueh., 1898, 16, 18.—Also reported for *Nycticorax griseus*.
- grande* (Dies., 1850) Brand., 1890a, 576 (syn. of *H. macropteron*).
- intermedium* Johnston, 1904, 109–110, pl. 5, figs. 7–10 (in *Cygnus atratus* Lath.).

## HEMISTOMUM—Continued.

*kordatum*, see *cordatum*.

*macropterum* Wien. MS. in Brand., 1888a, 55 (syn. *Diplost. grande* Dies.); 1890a, 576, 581.

*pedatum* Dies., 1850a, 309 (t. h. *Didelphis myosurus* and *D. cancrivorus*; Brazil, May, June, Dec.); 1855, 61–62, pl. 1, figs. 19–24; 1858e, 319.—Brand., 1888a, 57, 61 (in *Did. cancr.*, *D. my.*); 1890a, 584, 588, pl. 40, fig. 14.—Braun, 1892a, 581; 1893a, 880, 902.

*pileatum* Brand., 1888a, 59, 62, 64 (in *Sterna caspica*, *Larus glaucus*, *Colymbus arcticus*, *Mergus merganser*) (syn. *Holost. erraticum* of Linst., 1877c, 188, pl. 13, figs. 18–19); 1890a, 586, 589, 590, 591, pl. 40, fig. 21; 1892, 510.—Braun, 1892a, 582; 1893a, 902.—Kowal., 1904, (8), 23 (in *Mergus merganser*).—Linst., 1906, 12.—Mueh., 1898, 18.—Stoss., 1895, 37; 1898, 20.—Wolffhuegel, 1900, 9, 15, 54, 61, 62.—Reported also for *Buteo vulgaris*, *Ciconia alba*, *Colymbus glacialis*, *C. septentrionalis*, *Larus marinus*, *L. ridibundus*, *Nyctea nivea*, *Podiceps cristatus*.

*podomorphum* (Nitzsch, 1819) Dies., 1850a, 311 (in *Falco haliaetos*; Halle).—Brand., 1888a, 62; 1890a, 589 (in *F. hal.*).—Braun, 1893a, 902.—Also reported for *Circus cineraceus*.

*spathaceum* (Rud., 1819) Dies., 1850a, 310 (syns. *Amphist. lari glauci* Rud., *Holost. spathaceum* Duj., 1845a, 375) (in *Larus argentatus*, *L. argentatoides*, *L. canus*, *L. marinus*, *L. tridactylus*; London).—Brand., 1888a, 62 (same hosts); 1890a, 589.—Braun, 1891d, 424 (in *Lestris buffonis*); 1894k, 681; 1894, 166, 167.—Kowal., 1896d, 252 (2) (in *Dominicanus marinus* Bruch., Lwow).—Løennb., 1891, 76.—Mueh., 1898, 16, 18–19.—Ols., 1876, 29 (to *Diplost.*).—Stoss., 1898, 20.—Villot, 1898, 542 (adult of *Diplost. volvens*).

*spathula* (Crep., 1825) Dies., 1850a, 309 [also *spatula*, *spatulum*] (includes: *Strigea falconis palumbarii* Viborg, *Amphist. falconis palumbarii* Rud., *A. striatum* Rud., *A. macrocephalum* (*Falconis milvi*) Rud., *A. macrocephalum* Bremser non Rud.; *Holost. spatula* Crep.); 1858e, 319 (in *Falco nisus*).—Brand., 1888a, 54, 59, 62, 68 (to *Dist.*); 1890a, 574, 580, 585–586, 589, 596, pl. 40, figs. 15–17 (in *Buteo vulgaris*, *Syrnium aluco*).—Braun, 1891d, 424; 1893a, 879, 902; 1893b, 185 (in *Circus æruginosus*).—Cobbold, 1858b, 164 (in *Strix otus*, *Falco milvus*); 1879b, 447.—Kowal., 1896d, (2) 252 (in *Buteo vulgaris* Bechst.; *Dublanj*).—Linst., 1903, 279 (*spatula*); 1906, 12 (in *Buteo vulg.*).—Mol., 1858, 127; 1861, 193–194, pl. 1, figs. 3–5.—Mueh., 1898, 19.—Par., 620, 1050.—Stoss., 1890, 50; 1892, 66; 1895, 36–37; 1896, 126; 1898, 20.—Wedl., 1857, 257–258, pl. 1, figs. 23–26.—Wolffhuegel, 1900, 9, 11, 12, 14, 15, 16, 17, 44.—Reported also for *Accipiter nisus*, *Aegolius brachyotus*, *Aquila chrysaetos*, *A. nævia*, *Archibuteo vulgaris*, *Ascolopax gallinago*, *Astur nisus*, *A. palumbarius*, *Botaurus stellaris*, *Brachyotus palustris*, *Bubo maximus*, *Buteo lagopus*, *Circaetus gallicus*, *Circus cyaneus*, *C. rufus*, *Falco albicilla*, *Milvus ater*, *Otus vulgaris*, *Picus* sp.

*species* Sons., 1876.—Ward, 1895, 338 (syn. of *Gastrodiscus ægyptiacus*), in *Equus caballus*.

*triangulare* Johnston, 1904, 108–109, pl. 5, figs. 1–6 (in *Dacelo gigas* Bodd.).

*trilobum* (Rud., 1819) Dies., 1850a, 310; 1858e, 319 (in *Carbo comoranus*).—Brand., 1888a, 59; 1890a, 586 (in *Pelecanus crispus*).—Braun, 1893a, 903.—Stoss., 1897, 9 (in *Botaurus stellaris*).—Wedl., 1857, 255–257, pl. 2, figs. 20–22.

HEMIURIDÆ Luehe, 1901n, 394–403, 473–488; 1901o, 638–640.—Lander, 1904a, 3.—Looss, 1902m, 839, 848 (includes: *Hemimirus*, *Eurycœlum*, *Accacœlium*, *Derogenes*, *Pronopyge*, *Liocerca* (=Liopyge), *Halipegus*).

HEMIURINÆ Looss, 1899b, 640; 1901, 438.—Luehe, 1901n, 481.—Nicoll, 1907, 84.—Odh., 1905, 355–356, 357, 360, 364, 366.—Pratt, 1902, 889, 905 (includes: *Hemimirus*, *Lecithocladium*, *Pronopyge*, *Lecithochirium*, *Lecithaster*, *Liopyge*, *Derogenes*).

HEMIURUS Rud., 1809a, 38 [type *appendiculatus* by Stiles & Hass, 1898a, 90] (nec *Hemimirus* Gervais, 1855, mammal; nec *Hemimura* Ridgway, 1888, Jan. 6, 511, bird).—Darr, 1902, 698.—Linst., 1904, 252.—Looss, 1899b, 527, 534, 551, 571, 582, 583, 638, 639, 640–641, 642; 1901, 194, 201, 207; 1901, 438; 1902m, 756, 781, 805, 830, 831, 839.—Luehe, 1900, 509; 1901, 394, 395, 396–401, 402, 474, 479, 480, 482, 484.—Nicoll, 1907, 84.—Odh., 1905, 354, 355, 356, 359.—Pratt, 1902, 889, 906.—Stiles, 1901, 177, 178, 185, 193.—Stiles & Hass., 1898a, 90–91, 96 (includes: *Dist.* (*Apoblema*), *Duj.*, *Apoblema* *Duj.*, *Eurycœlum* Brock) (type *Fasc. appendiculata* Rud.).

## HEMIURUS—Continued.

- 1845: Dist. (Apoblema) Duj., 1845a, 383, 389, 420 [tld. appendiculatum].
- appendiculatus* (Rud., 1802) Looss, 1899b, 641, 671; 1902m, 831.—Lander, 1904a, 4.—Luehe, 1901, 395, 396, 398, 400, 475.—Nicoll, 1907, 69, 70, 71, 72, 84, 86, 87, 88 (in *Anguilla vulgaris*, *Centronotus gunnellus*, *Cottus bubalis*, *Hippoglossus vulgaris*, *Pleuronectes limanda*, Pl. *platessa*).—Odhm., 1905, 349, 350, 351, 352 (in *Alosa finta*).—Staff., 1904, May 3, 484 (in esoph., stomach, Canada, of *Salmo salar* L., *Osmerus mordax* Mit., *Clupea harengus* L., *Gadus callarias* L., *Pollachius virens* L., *Ammodytes tobianus* L., *Anguilla anguilla* L., *Acanthocottus scorpius* L., *Hippoglossus hippoglossus* L., *Platysomatichthys hippoglossoides* Walb.); 1905, Apr. 11, 682, abundant in copepods (*Acartia*).—Stiles, 1901, 177.
- bothryophorus* (Ols., 1868) Looss, 1899b, 641, 728–729 (in *Alosa finta*), 741.
- communis* Odhn., 1905, 348, 350, 351 (in numerous Scandinavian marine fishes), 352, 353 (syn. Dist. *appendiculatum* Rud. of Ols., 1868).—Nicoll, 1907, 71, 86–88 (in *Ammodytes tobianus*, *Gadus aeglefinus*).
- crenatus* (Rud., 1802) Luehe, 1901n, 395, 397, 398, 399–401 (“nec Looss, 1899”) [the synonymy as given by Luehe is not altogether clear].—Lander, 1904a, 1–28, figs. 1–42 (anat.; syns. Fasc. *cren.* Rud., Dist. *cren.* Rud., Dist. *ocreatum* Ols., *Apoblema ocreatum* Juel, *Hemimurus ocreatus* Looss); 1904b–c; 1905a.—Nicoll, 1907, 84.—Odhm., 1905, 350, 352, 353, 356 (type of *Brachyphallus*).—Tennent, 1906, 666.
- crenatus* (Mol., 1859) Looss, 1899b, 641.—Luehe, 1901n, 399 (not of Rud.).
- digitatus* Looss, 1899b, 641, 729–731, fig. 48 (in *Sphyræna vulgaris*; Sawakin, Egypt, Jan.).—Darr, 1902, 659.
- excisus* (Rud., 1819) Looss, 1899b, 641.
- grandiporus* (Rud., 1819) Looss, 1899b, 641, 730.—Luehe, 1901, 401.—Nicoll, 1907, 84.
- lævis* (Lint., 1898) Looss, 1899b, 641.—Luehe, 1901, 401.—Nicoll, 1907, 84.
- levinseni* Odhn., 1905, 348–351, pl. 4, fig. 2 (in *Gadus saida* of East Greenland; also in *G. morrhua* s. ovak, *G. melanostomus*, *Cottus scorpius*, *Phycis blennoides*; West Greenland, North Denmark) (syns. Dist. *appendiculatum* Rud. of Ols., and Rud. of Levin.).
- lûhei* Odhn., 1905, 351, 352 (syns. Dist. *appendiculatum* Rud. of Ols., 1868; H. *stossichi* Luehe, 1901 [nec Mont., 1891]) (in *Clupea harengus*, *C. sprattus*, and ? *C. pilchardus*).—Nicoll, 1907, 72, 85–86, 87 (syn. of H. *stossichi*) (in *Clupea harengus*).
- microporus* (Mont., 1889) Looss, 1899b, 641.
- mollissimus* (Levin., 1881) Looss, 1899b, 641.
- monticellii* (Lint., 1898) Looss, 1899b, 641.
- ocreatus* (Mol. of Ols., 1868) Looss, 1899b, 641 (nec Rud.).—Lander, 1904a, 1, syn. of H. *crenatus* (Rud.).—Luehe, 1901n, 399.
- ruforividis* (Rud., 1819) Looss, 1899b, 641, 730.
- sluiteri* (Brock, 1886) Looss, 1899b, 641.
- species Braun, 1902b, 125.
- stossichi* (Mont., 1891) Looss, 1899b, 641.—Luehe, 1901n, 398–399, 400 (*stossichii*).—Nicoll, 1907, 84, 85, 88 (syn. of H. *lûhei*).
- stossichi* Luehe, 1901n (nec Mont., 1891) of Odhn., 1905, 351, 352 (renamed H. *lûhei* Odhn.) (in *Clupea pilchardus*).
- stossichii* Luehe, 1901n, 400, for *stossichi*.
- tornatus* (Rud., 1819) Looss, 1899b, 641.
- varicus* (Mueller, 1784) Looss, 1899b, 641.

(HEMIURUS) Rud., see *Hemimurus*.

*scabrum* (Mueller, 1788) Looss, 1899b, 582.

HEPASTOMUM Brand., 1888a, 15, for *Heptostomum*.

HEPHOSTOMUM Burm., 1856a, 251 (“In anderen Fällen fehlen die Sauggruben am Munde, so bei *Diclidophora*, *Hexacotyle*, *Hephostomum*”).

HEPTASTOMUM (for *Heptostomum* Schomburgk, 1844, 136).—Brand., 1888a, 15 (*Hepastomum*), 52; 1890a, 578.—Braun, 1893a, 884.—Dies., 1850a, 289, 418 (syn. Dist. Henle); 1858e, 314, 369–370 (m. *hirudinum*).—Fil., 1854a, 23.—Goldb., 1855, 19.—Mont., 1888a, 84, 92.—Tasch., 1879, 234.

## HEPTASTOMUM—Continued.

*hirudinum* Schomburgk, 1844, 136 (in *Nephilis vulgaris*, *Clepsine complanatum*) (includes *Dist. hirudinis*).—Brand., 1888a, 13.—Braun, 1892a, 795.—Crep., 1846, 159.—Dies., 1850a, 418–419 (syn. *Dist. hirudinis* Henle, D. tarda); 1858c, 370, pl. 2 (in *Nephilis vulgaris*, *Clepsine complanata*).—Fil., 1854a, v. 15, 23.

HEPTOSTOMUM Schomburgk, 1844, 136, see also Heptastomum.

HERONIMUS MacCallum, 1902, 25 Oct., 632–636 (m. *chelydræ*) (monostome).

*chelydra* MacCallum, 1902, Oct. 25, 632–636, figs. 1–2 (in *Chelydra serpentina*; Dunnville, Ontario); 1902, Dec. 30, 843–844; 1905, Aug., 62.

HETERACANTHUS Dies., 1836, 307–310 (*Axine* 1794, renamed, hence type *pedatus* = *bellones* renamed) [not *Heteracanthus* Newberry, 1889, fish]; 1850a, 425 (syn. of *Axine*).—Braun, 1890a, 518.—Crep., 1838, 83; 1839, 291.—Nord., 1840, 598.—Tasch., 1879, 255 (syn. of *Axine* Abildg., 1794).

*pedatus* Dis., 1836c, 310–313, pl. 17, figs. 1–2 (*Axine* *bellones* Abildg. on *Esox* *belone* renamed); 1850a, 425 (syn. of *Axine* *bellones*).—Ben., 1858a, 1861a, 53 (syn. of *Ax. bell.*).—Crep., 1838, 83 (syn. of *Ax. platyura*).—Goto, 1894, 196 (*Ax. belones* partim).—Kroyer, 1846–53a, 273 (in *Belone rostrata* Fab.).—Nord., 1840, 598 (syn. *Ax. bell.*) (in *Esox* *belone*).—Sieb., 1839, 163.—Stoss., 1898, 14.—Tasch., 1879, 256 (syn. of *Ax. belones*).

[*politus* (fossil fish).]

*sagittatus* Dies., 1836, 313, pl. 17, figs. 10–12 (on *Esox* *belone*; [Europe]); 1850a, 425 (syn. of *Axine* *bellones*).—Ben., 1858a, 1861a, 53 (syn. of *Ax. bell.*).—Crep., 1838, 83 (syn. of *Ax. platyura*).—Goto, 1894, 196 (*Ax. belones* Abildg. partim).—Kroyer, 1846–53a, 273 (in *Belone rostrata* Fab.).—Nord., 1840, 598–599 (in *Esox* *belone*).—Sieb., 1839, 163.—Tasch., 1879, 256 (syn. of *Ax. belones* Abildg.).

HETEROBOTHRIUM Cerf., 1895m, 141, 142, 145–146 (m. *tetrodonis*); 1896, 548, 551–552.—Mont., 1903, 336 (subf. *Diclidophorinae*).—St.-Remy, 1898, 552.—Zool. Anz., 1895, 327.

*tetrodonis* (Goto, 1894) Cerf., 1895m, 141, 142, 146 (in *Tetrodon* sp.; Japan); 1896, 548, 552.—Zool. Anz., 1895, 327.

*tetodontis* St.-Remy, 1898, 554 (= *Diclidophora* *tetrodonis*, for *tetrodonis*).

HETEROCOTYLE Scott, 1904, 279 (m. *pastinacæ*).

*pastinacæ* Scott, 1904, 279, pl. 17, fig. 14 (in *Trygon* *pastinaca*; Dornoch Firth, Oct.).

HETERECOTYLEA Mont., 1905c, 68, apparently for *Heterocotylea*.—Massa, 1906, 43.

HETEROCOTYLEA Mont., 1892: 1899, 81, 88, 107 (*Eterocotylea*); 1903, 234; 1903c, 334–336; 1904 (H.10), 65–80, figs. 1–5 (remarks with reference to some species of); 1905c, 65–80, 5 figs.—Braun, 1893a, 889, 917; 1893b, 188; 1895b, 136.—Gamb., 1896a, 73.—Maclaren, 1904, 574, 579, 583, 586, 590, 591, 594, 596, 599.—Mueh., 1898, 17.—Pratt, 1900, 645, 646 (includes: *Temnocephalidae*, *Tristomidæ*, *Monocotylidæ*, *Polystomidæ*, *Gyrodactylidæ*), 647–654, 655–657, pls. 1–50, 658–661 (key to American species), 661–662; 1902, 890 (key).—Ward, 1903, 864.

HETEROKOTYLEA Schneidemucl, 1896, 295, for *Heterocotylea*.

HETEROLOPE Looss, 1899b, 551, 651–652, 653, 655 (not *Heterolopa* Franzénau, 1884, Protozoon) (orig. species: *leptostoma* [tod.], *opisthotrias*, *æquans*, *caudata*) (*ἔρεπος*=anders; *ἡ λώπη*=wall, because of the structure of the skin); 1900, 605.—Braun, 1900h, 6, 11, 13; 1901c, 338 (= *Harmost.*); 1902b, 114 (syn. of *Harmost.* Braun, 1899, 492).—Cohn, 1902, 880 (= *Harmost.*).—Luche, 1900, 557.—Ofenheim, 1900, 183.

*æquans* Looss, 1899b, 652, 746–748, fig. 70 (in *Gerbillus ægyptius*).—Braun, 1900, 12.

*caudata* (Linst., 1873) Looss, 1899b, 652 (nec Mueller, Bosc, Polonio).

*leptostoma* (Olss., 1876) Looss, 1899b, 652, 746, 747, 748.

*opisthotrias* (Lutz, 1895) Looss, 1899b, 652.

HETEROLOPINÆ Looss, 1899b, 653, 655; 1900, 605.—Braun, 1900h, 13.

**HETEROPHYES** Cobbold, 1866a, 6 (m. *ægyptiaca*=heterophyes) [this genus was probably published in some earlier paper].—Looss, 1902m, 786, 805, 808, 824; 1902n, 886–891 (revision of); 1903o, 899–900; 1905k, 56; 1907, Mar. 5, 488, 489.—Ward, 1903, 870.

1899: *Cotylagonimus* Luehe 1899, 538–539 (tod. heterophyes).

1899: *Cænogonimus* Looss, 1899b, 585 (tod. heterophyes).

*ægyptiaca* Cobbold, 1866a, 6 (Dist. heterophyes renamed).

*aqualis* Looss, 1902n, 888 (in dogs and cats; Egypt).

*dispar* Looss, 1902n, 888–889 (in dogs and cats).

*fraternus* (Looss, 1894) Looss, 1902m, 785, 808, 809, 838, 854; 1902n, 887; 1907, Mar. 5, 488 (in *Pelecanus onocrotalus*; Cairo, Egypt).

*heterophyes* (Sieb., 1852) Stiles & Hass., 1900a, 563.—Looss, 1902m, 782, 785, 786, 808, 809, 838, 854; 1902n, 889; 1905, 111 (in man, cats, and dogs; Egypt), fig. 18.—Ward, 1903, 704; 1903, 864 (in *Homo*), 870 (includes: Dist. het. Sieb., 1852: *Mesogonimus* het. Rail., 1890; *Cænogonimus* het. Looss, 1900; *Cotylagonimus* het. Luehe, 1900), 871.

*inops* Looss, 1902n, 887–888 (in *Pelecanus onocrotalus*; *Milvus ægyptius* s. M. parasiticus; Egypt).

*pallidus* Looss, 1902n, 889–891 (in *Milvus ægyptius* s. parasiticus; Egypt).

*persicus* (Braun, 1901) Looss, 1902m, 782, 785.

**HETEROSTOMA** Fil., 1837a, 338–340 (m. *echinatum*) (*ἑρεπος*, diverso; *στόμα*, bocca); 1857c, 9 (*Heterostomum*).—Burm., 1856a, 250 (*Heterostomum*).—Dies., 1850a, 287, 301–303 (syn. Dist. Baer) (*Heterostomum*); 1855a, 396 (mentions only two species: *echinatum*, *ovatum*).—Erc., 1881e, 33; 1882a, 269.—Goldb., 1855, 16.—Moul., 1856a, 12, 16, 121.

1850: *Heterostomum* Dies., 1850a, 287, 301–303, for *Heterostoma*.

*echinatum* Fil., 1837a, 338–339, 340, figs. 16–18 (t. h. *Paludina impura*; Italy) (an Agamodist.).—Dies., 1850a, 302 (*Heterostomum*); 1855a, 396; 1858d, 280 (to *Cercariæum*).—Leidy, 1858a, 110; 1877, 202.—Moul., 1856a, 216 (“pourait bien être un individu libre provenant de la Cerc. paludidæ impuræ Fil.”).

*helicis asperæ* Dies., 1850a, 302–303, based on Duj., 1845a, 472; 1855a, 398 (to *Cercariæum helicis asperæ*).

*helicis asperæ* Dies., 1855a, 398, for *helicis asperæ* (to *Cercariæum*).

*helicis pomatiæ* (Meckel, 1846) Dies., 1850a, 303; 1855a, 398 (to *Cercariæum*).

*limacis* Dies., 1850a, 302 (based on Duj., 1845a, 472–473); 1855a, 397 (to *Cercariæum*).

*lymnæi* Dies., 1850a, 302 (based on Duj., 1845a, 473); 1855a, 399 (syn. of *Cercariæum lymnæi palustris*).

*ovatum* Dies., 1850a, 302 (Dist. luteum Baer, 1827, pl. 29, figs. 20–22, renamed) (in *Paludina vivipara*; Regiomontii); 1855a, 396 (in *Pal. vivip.*); 1858d, 279 (to *Cercariæum*).—Mont., 1893, 190.—Moul., 1856a, 215 (syn. of Dist. luteum Baer).

**HEXABOTHRIUM** Nord., 1840, 600 (m. *appendiculatum*).—Cerf., 1899a, 351, 359, 371.—Dies., 1850a, 419, renamed *Onchocotyle*.—Stoss., 1898, 11.—Tasch., 1879, 252 (syn. of *Onchocotyle* Dies.).

*appendiculatum* (Kuhn, 1829) Nord., 1840, 601 (in *Squalus catulus*).—Dies., 1850a, 419 (type of *Onchocotyle*) (in *Scyllium catulus*, *Læmargus borealis*).—Tasch., 1879, 28 (to *Onchocotyle*).

**HEXACOTYLA** Blainv., 1828a, 570–571 (tod. *thynni*).—Dies., 1850a, 416 (renamed *Plagiopeltis*).

*ocellatum* (Rud., 1819) Blainv., 1828a, 571.—Baird, 1853a, 41 (= *Polyst.*).

*thynni* (Delaroche, 1811) Blainv., 1828a, 571.—Dies., 1850a, 417 (syn. of *Plagiopeltis duplicata*, type of *Plagiopeltis*) (in *Thynnus branchypterus*, ad insulas Balearicas).

**HEXACOTYLE** Blainv., 1828a, 570 (same as *Hexacotyla*; both are used by Blainv.; *Hexacotyle* has been adopted as the Latin form by a number of authors).—Braun, 1890a, 413, 516, 517, 518, 523, 534, 537, 546; 1893a, 890.—Burm., 1856a, 251.—Cerf., 1895h, 920; 1896, 515; 1899a, 391.—Dies., 1850a, 409, 416 (of Blainv., syn. *Hexathyridium* Treutler), 421 (of Nord., syn. of *Diclibothrium* Leuck.).—Gamb., 1896a, 73.—Goto, 1893a, 798, 799; 1894, 215.—Hoyle, 1890, 539.—Mont., 1888a, 89, 100; 1892, Oct. 7, 213 (subg. of *Octocotyle*); 1903, 336 (= *Plagiopeltis*) (subf. *Plagiopeltinæ*).—Nord., 1840, 600.—Pratt, 1900a, 653, 657, fig. 38, on gills of marine fishes.—St.-Remy, 1898, 556.—Tasch., 1879, 69; 1879, 239, 249–250 (syns. *Polyst. Roche*, *Plagiopeltis* Dies.), 254 (of Nord., 1840, syn. of *Diplobothrium* Leuck.).

## HEXACOTYLE—Continued.

- 1850: *Plagiopeltis* Dies., 1850a, 416–417 (duplicata = *thynni*).  
*acuta* Goto, 1894a, 217–220 (in *Thynnus sibi*; Hagi and Osatsubé, (Hokkaidô)).—St.-Remy, 1898, 557.  
*elegans* Nord., 1840, 597, 600 (*Diklibothrium crassicaudatum* renamed) (in *Acipenser stellatus*).—Dies., 1850a, 421 (syn. of *Diclibothrium armatum* Leuck.).—Tasch., 1879, 254 (syn. of *Diplobothrium armatum* Leuck.).  
*grossa* Goto, 1894a, 220–222 (in *Thynnus* sp.; Misaki).—St.-Remy, 1898, 557–558.  
*lapridis* Sars., —.—Nord., 1840, 600 (in *Lampris gullatus*).  
*ocellatum* (Rud., 1819) Blainv., 1828a, 571.—Dies., 1850a, 413 (to Polyst.).—Nord., 1840, 600 (in *Testudo orbiculata*).—Tasch., 1879, 252 (to Polyst.).  
*pinguicola* (Treutler, 1793) Chiaje, 1833, 13 (= Polyst.).  
*thunninæ* (Par. & Perugia, 1889) Goto, 1896, 352; 1899, 273–274, pl. 20, figs. 13–15.—Pratt, 1900, 657, fig. 38.—St.-Remy, 1898, 557.  
*thynni* (Delaroche, 1811) Nord., 1840, 597, 600.—Braun, 1890a, 418, 537, 548.—Dies., 1850a, 417 (duplicata, type of *Plagiopeltis*).—Goto, 1899, 274.—Lint., 1901, 414 (in *Sarda sarda*), 446, figs. 296, 297, 298.—Par., 1894, 578; 1899, 3–4; 1902, 3 (in *Pelamys sarda*, Portoferraio; *Thynnus thynnus*, Elba).—Par. & Perugia, 1890, 7.—St.-Remy, 1898, 556–557.—Tasch., 1879, 250 (syns.: Polyst. th. Roche, P. duplicatum Rud., Hex. th. Blainv., *Plagiopeltis* dup. Dies.) (in *Thynnus branchypterus*, *Pelamys sarda*; Napoli).  
*venarum* (Treutler, 1793) Blainv., see Dies., 1850a, 410 (to *Hexathyridium*).
- HEXACOTYLIDÆ Mont., 1899, —; 1903, 336 (subf.: *Diplobothrinæ* (g. *Diplobothrium*); *Plectanocotylinæ* (g. *Plectanocotyle*, *Phyllocotyle*); 1905, 77, 78.
- HEXASTOMA Rud., 1809a, 38, 451–457 (subg. of Polyst. containing: *integerrimum* [type by inclusion], *pinguicola*, (genus in Cuv., 1836a, 264).—Dies., 1850a, 409 (syn. of *Hexathyridium* Treutler).—Kuhn, 1829, 358 (for Polyst. Rud.).—Thon, 1830, v. 7, 341.—Wallenstedt, 1847, 7.  
*integerrimum* (Froelich, 1791) Rud., 1809a, 451.  
*pinguicola* (Treutler, 1793) [Cuv., 1836a, 264].—Dies., 1850a, 410 (to *Hexathyridium*).—Dolley.  
*venarum* (Treutler, 1793) [Cuv., 1836a, 264 (to *Hexathyridium*)].—Dies., 1850a, 410 (to *Hexathyridium*).
- HEXOSTOMA Rafinesque, 1815, 151, n. n. for Polyst. Roche, hence type *thynni*.
- HEXATHYRIDIDIUM Blainv., 1821a, 144–145 (see *Hexathyridium*); 1824a, 516; 1828a, 571–572.  
*venarum* (Treutler, 1793) Blainv., 1828a, 572.—Joy, 1835a, 505.—See *Hexathyridium*.
- HEXATHYRIDIA Rafinesque, 1815, 151 (genus of *Fasciolaria* with Polyst. Zed. as syn.) for *Hexathyridium*.
- HEXATHYRIDIDIUM Treutler, 1793, iv, 19–22 (type by first-species rule, *pinguicola*; this seems to be taken as type by authors; see, for instance, Braun, 1889a, 317).—Blainv., 1821a, 144–145 (*Hexathyridium*); 1824a, 516 (“Je doute beaucoup que ce genre puisse être regardé comme véritablement intestinal; il est extrêmement rapproché du polystome de Delaroche; aussi pensais-je qu’il a été décrit à l’envers, ce que l’on voit dans ma définition des caractères de l’ordre”); 1828, 571–572.—Braun, 1890a, 518; 1893a, 887, 891, 892, 894.—Burm., 1856a, 251 (*Hexathiridium*).—Cerf., 1899a, 351, 371.—Dav., 1877a, lxxx.—Dies., 1850a, 288, 409–410, 412 (Blainv., syn. of Polyst. Zed.); 1858e, 314, 368.—Encycl. méthodique, Par., v. 2, 455.—Goldb., 1855, 17.—Hoyle, 1890, 539 (probably a syn. for Polyst.).—Jørdens, 1802, 66.—Lamouroux, 1825, 193.—Leuck., 1863, 526; 1867, v. 2 (1), 150; 1868, v. 2 (2), 264.—Looss, 1902m, 756.—Mont., 1888a, 84 (*Hexathyridium*), 90.—Nord., 1840, 601 (*Hexathyridium*).—Rud., 1801a, 58; 1809a, 22.—Stoss, 1898, 11.—Tasch., 1879, 324, 251 (syn. of Polyst. Zed.).—Thon., 1830, v. 7, 341–342 (*Hexathyridium*).  
1809: *Hexastoma* Rud., 1809a, 38, 451–457 (type by inclusion *pinguicola*).  
1815: *Hexathyridia* Rafinesque, 1815, 151.  
1821: *Hexathyridium* Blainv., 1821a, 144–145.  
1888: *Hexathyridum* Mont., 1888a, 84.  
1856: *Hexathiridium* Burm., 1856a, 261.  
*affine* Dies., 1850a, 410 (t. h. *Bombinator igneus*; Berlin).—R. Bl., 1895, 104.—Schmitz, 1826, 15, figs. 1–13.

# HEXATHYRIDIDIUM—Continued.

- appendiculatum* (Kuhn) Nord.—Tasch., 1879, 253 to Onchocotyle (Kuhn) [Nord. uses Hexabothrium app., not Hexathyridium app.].
- integerrimum* (Frølich, 1791) Blainv., 1828, 572.—Baird, 1853a, 41 (= Polyst. Rud.).—Dies., 1850a, 412 (to Polyst.).—Stoss., 1898, 10.
- pinguicola* Treutler, 1793, iv, 19–22, pl. 3, figs. 7–11 (t. h. Homo).—Blainv., 1828, 572.—Aitken, 1866, 804, 841; 1872, 146, 207; 1874, 58.—R. Bl., 1888a, 597.—de Bonis, 1882, 180.—Braun, 1883a, 69–70; 1895b, 155.—Brera, —, 100, pl. 1, fig. 28.—Cerf., 1899a, 351.—Cobbald, 1866, 7; 1879b, 36.—Dav., 1877a, lxxxi.—Dies., 1850a, 409–410 (includes: Polyst. ping. Zed., Linguatula ping. Lamarck, Hexast. ping. Cuv.); 1858e, 368 (to Polyst.).—Dunglison, 1893, 529, 821.—Hackley, 1886, 519.—Hoyle, 1890, 538.—Jørdens, 1802, 66, pl. 6, figs. 3–5.—Kholodk., 1898, 26, pl. 10, fig. 24.—Kuech., 1855, 464.—Leuck., 1863a, 526, 585, fig. 195.—Moniez, 1896, 108.—Mosler & Peiper, 1894, 186.—Mont., 1888, 90.—Rud., 1809a, 455 (t. Polyst.).—Verrill, 1870, 171.—Ward, 1895, 328 (in Homo).—Weinland, 1859, 281.
- venarum* Treutler, 1793, iv, 23–25, pl. 4, figs. 1–3.—Aitken, 1866, 804, 841–842; 1872, 146, 206; 1874, 58.—Biermer, 1863a, 393.—Blainv., 1828a, 572 (Hexathyridium).—R. Bl., 1888a, 596, 597; 1891, 605.—de Bonis, 1882, 181.—Braun, 1883a, 69; 1895b, 139; 1903, 3 ed., 150 (from Vena tibialis antica, probably young F. hepatica. Duval found adult F. h. in Vena portarum and other veins at Rennes (1842), and Vital (1874) describes same kind of case from Constantine); 1906, 155 (in Homo sapiens).—Bremser, 1824, 327–329, pl. 9, fig. u.—Cerf., 1899a, 351.—Cobbald, 1866, 7; 1879b, 36.—Crep., 1839, 290.—Dav., 1877, lxxxi, 329–330, figs. 15, 42.—Dies., 1850a, 410 (includes Polyst. ven. Zed., Polyst. sanguicola delle Chiaje, Linguatula ven. Lamarck, Hexast. ven. Cuvier, Hexacotyle ven. Blainv.); 1858e, 368.—Duval, 1842a, 771, 772.—Duj., 1845a, 321.—Dunglison, 1893, 529, 821.—Hackley, 1886, 519.—Hahn & Lefèvre, 1884a, 540–541.—Hémont, 1827, 16.—L'Herminier, 1826, 13.—Hoyle, 1890, 538.—Joy, 1835a, 505.—Kholodk., 1898, 26, pl. 10, fig. 23.—Kuech., 1855, 464.—Leuck., 1863a, 526, 575, 585, fig. 194.—Moniez, 1896, 108.—Mont., 1888, 90.—Mosler & Peiper, 1894, 186.—Rud., 1809a, 456 (to Polyst., as sp. inq.).—Sieb., 1839, 164.—Stiles, 1898a, 48.—Verrill, 1870, 171.—Ward, 1895, 328 (in Homo); 1903, 866.—Weinland, 1859, 281.

HEXATHYRIDIDIUM Mont., 1888, 84, for Hexathyridium.

HEXATIRIDIUM Burm., 1856a, 251 (see Hexathyridium).

HIRUDELLA Poir., 1885, 5, 7 [not Muenster, 1842, leech], see Hirudinella.

HIRUDINELLA [Garsin, 1730, 58–59, fig., prelinnean (m. marina); 1735, 261, pl. 4, figs. 1–3].—Blainv., 1824a, 518 (“hirudinelle”; “J’admets ce genre pour les fascioles cylindriques qui ont quelque ressemblance avec les sangues, et entre autres le fasc. clavata Linn.”); 1828, 586 (type clavata) [not Hirudinella Gray, 1850, mollusk; not Hirudinella Muenster of Dies., 1850a, leech].—Baird, 1853a, 59.—Buttel-Reepen, 1902, 168.—Darr, 1902, 644, 648, 658, 662–699.—Dies., 1850a, 292.—Encycl. méthodique, Par., v. 2, 456.—Lamoureux, 1825, 241.—Planque, —, 993, 221.—Poir., 1885, 5, 7 (Hirudella) [not Hirudella Muenster, 1842, renamed Hirudinella by Dies., 1850].—Stiles, 1901, 194 (type Fasc. clavata).

1885: Hirudella Poir., 1885, 5, 7 [not Muenster, 1842], for Hirudinella.

[*angusta* Muenster, 1842, 98, pl. 1, fig. 5.—Dies., 1850a, 471; 1859, 511.—Pictet, —, 457.—A leach.]

*clavata* (Menzies, 1791) Blainv., 1828, 586.—Baird, 1853a, 59 (includes H. marina Garsin, Fasc. clav. Menzies, F. scomberi pelamidis Tilesius, F. coryphæne Bosc, Dist. clav. Rud.).—Buttel-Reepen, 1902, 167, 168, 171, 185, 190, 191, 193, 195, 198, 202, 206, 209, 212, 214, 218 (syn. of Dist. ventricosum).—Darr, 1902, 649, 652, 657, 658, 667, 668, 669, 670, 676, 678, 680, 682, 687, 689, 690, 692, 696, 698–699, 1 fig., pl. 34, figs. 16–25, pl. 35, figs. 26–34.

*ingens* (Moniez, 1886) Darr, 1902, 687, 688.

*marina* Garsin, 1730a, 387–394, pl. 1, fig. 2 (in Scomber pelamys); 1732a, 43–44, 1 pl., 3 figs.—Baird, 1853a, 59 (=clavata).—Buttel-Reepen, 1900a, 586; 1902, 166, 168, 194, pl. 6, fig. 1.—Cobbald, 1879b, 461.—Darr, 1902, 663, 664.

[*tenuis* Muenster, 1842, 99.—Dies., 1850a, 471 (a leach); 1859, 511.—Pictet, —, 457.]

*ventricosa* (Pallas, 1774) Baird, 1853a, 59–60 (includes Fasc. ventr. Pallas, F. fusca Bosc, F. coryphæne hippuridis Tilesius, Dist. coryphæne Rud., D. clavatum Owen).



**HIRUDO** Linn., 1758a, 644, 649 (type by Linnæan rule, medicinalis).—Several species of this genus have been placed in the trematodes; the genus is now confined to the leeches.—Dics., 1850a, 318 (of Braun, syn. of ?*Diplodiscus*), 425 (of Abildg., syn. of *Nitzschia* Baer), 426 (of Mueller, syn. of *Phylline* Oken), 427 (of Kroyer, syn. of *Udonella* Johnston), 433 (of Braun, syn. of *Astacobdella* Vallot), 439 (of Linn., syn. of *Ichthiobdella* Blainv.), 445 (of Mueller, syn. of *Malacobdella* Blainv.), 446 (of Mueller, syn. of *Clepsine* Savigny), 456 (auct., syn. of *Nephele* Savigny), 461 (auct., syn. *Aulost. Moquin-Tandon*), 462 (auct., syn. of *Hæmopsis* Savigny et Moquin-Tandon), 465–471 (of Rai et Linn., syns. of *Sanguisuga* Savigny; *Iatrobella* Blainv.), 567 (of La Martinière, syn. of *Tetrarhynchus* Rud.), 583 (of Linné, syn. of *Schistocephalus* Crep.).

*fasciolaris* Mueller, 1788b, pl. 54, figs. 1–3 (is included in *Fasc. anatis* Gmelin, 1790a, 3055).—Dics., 1850a, 335 (syn. of *Dist. ovatum* Rud.).

*grossa* Mueller, 1788, 21–22, pl. 21.—Bruguière, 1791a, pl. 52, figs. 6–8.—Dics., 1850a, 445 (to *Malacobdella*).—Gmelin, 1790a, 3098.

*hippoglossi* Mueller, 1776a, 220 (t. h. *Hippoglossus*; Denmark); 1788a, 18, pl. 54, figs. 1–4.—Baer, 1827b, 676, pl. 32, figs. 5–6.—Dics., 1850a, 426 (to *Phylline*).—Fabricius, 1780a, 322, pl. 1, fig. 8.—Gmelin, 1790a, 3098.—Leuck., 1842a, 11.—Oken, 1815 (to *Phylline*).

*sturionis* Abildg., 1794b, 55–56, pl. 6, fig. 1, a–c (in Stören).—Cuvier, —, — (to Trist.).—Dics., 1850a, 426 (syn. of *Nitzschia elegans* Baer).—Gmelin.

*tuba* Braun, 1805, 49, pl. 5, figs. 5–8 (see Rud., 1809a, 348 = *Amphist. subclavatum*).—Dics., 1850a, 318 (syn. of *Diplodiscus subclavatus* Dics.).

**HISTRIOBELLA** Ben., 18581, 2 pls.

**HISTRIONELLA** Bory de St. Vincent, 1823b, 356; 1825b, 252–253.—Braun, 1893a, 884.—Burm., 1856a, 250.—Dadai, 1888f, 84, 85; 1888g, 107.—Dics., 1850a, 286, 294 (of Bory syn. of *Malleolus* Ehrenberg), 299–300 (of Bory & Ehrenberg, includes *Cerc. Nitzsch*, *Brachionus* Schrank); 1855a, 378 (eycs), 392, 393 (syn. *Brachionus* Schrank); 1858d, 267.—Goldb., 1855, 16.—Moul., 1856a, 121, 124.—Nord., 1840, 617, 631.—Pag., 1857, 5, 24.—Wagener, 1857, 24.

— Hemprich & Ehrenberg, 1828a, Entozoa, not paged, n. g. cf *Cercozoorum*, type evidently ephemera; includes also alata.

*alata* Hemprich & Ehrenberg, 1828a (in water at Berlin, Germany).—Dics., 1850a, 300 (sp. inq.); 1855a, 392–393 (*Hab. primitivum* ignotum); 1858d, 268 (free; Berlin).

*annulicauda* Bory, 1825b, 253.—Dics., 1850a, 299 (syn. of *Histrionella lemna* Ehrenb.).

*bilineata* (Haldemann, 1840) Dics., 1850a, 300 (in *Limnæus catascopium*; Penn.); 1855a, 393 (in *Limnæus* cat.); 1858d, 269 (in *Limn. cat.*; Penn.).

*echinocerca* (Fil., 1857) Mont., 1888, 193, 194.—Dadai, 1888f, 85; 1888g, 108.—Dics., 1858d, 267–268 (larva of *Dist. appendiculatum* Rud.) (in *Buccinum* linnæi; Genoa).

*elegans* (Mueller, 1855) Dics., 1858d, 269 (syn. *Cerc. elegans* Mueller in Valette, 1855) (free).—Dadai, 1888f, 85, 86; 1888g, 108, 109.—Mont., 1888, 193, 194.

*ephemera* (?Nitzsch, 1807) Hemprich & Ehrenberg, 1828a, pl. 6, fig. 3.—Dics., 1850a, 299 (includes *Cerc. V. Baer*, 1827, 625, pl. 31) (in *Paludina vivipara*; Regiomontii; *Planorbis corneus*; April, Halle, Berlin); 1855a, 392 (in *Pl. corn.*, *Pal. vivip.*); 1858d, 244 (of Sieb. syn. of *Glenocerc. flava* Dics.), 267 (syn. of *Cerc. ephemera* Wagener) (of Ehrenberg larva of *Dist. trigonoccephalum* Rud.) (in *Pl. corn.*, *Pal. vivip.*).—Moul., 1856a, 204 (to *Cerc.*).—Sieb., 1843.

*fissa* Bory de St. Vincent, 1824, 456; 1825b, 252 [see Lamouroux, 1824a].—Dics., 1850a, 295 (syn. of *Malleolus furcatus*).—Moul., 1856a, 168 (is not syn. of *Cerc. furcata*).

*inquieta* (Mueller, 1786) [Bory de St. Vincent, 1825b, 253 (*Histrionelle inquiete*)].—Dics., 1850a, 300 (sp. inq.) (in *aqua marina*); 1855a, 393 (*Hab. primitivum* ignotum); 1858d, 268–269 (free, *Hafnia*).—Pag., 1862, 298.

*lemna* (Mueller, 1773) Hemprich & Ehrenberg, 1828.—Dics., 1850a, 299–300 (includes: *Brachionus proteus* Schrank, *Cerc. major* Nitzsch, *Histr. annulicauda* Bory) (in *Limnæus stagnalis*, *Planorbis carinatus*, *P. corneus*); 1855a, 392 (in *Limn. stag. et Pl. corn.*); 1858d, 268 (in *Pl. carinatus*, *P. corn.*, *Limn. stag.*).

## HISTRIONELLA—Continued.

*melanoglena* Dies., 1855a, 393 (*Melanoglena bipunctata* Eichwald renamed) (Hab. primitivum ignotum); 1858d, 245 (to *Glenocerc.*).

[*pupula* Bory de St. Vincent, 1825b, 252 (*Histrionelle poupée*, *Enchelis pupula* Mull.).]

*setosicauda* Dadai, 1888f, 84–86, pl. 3, figs. 11, 13; 1888g, 107–109, pl. 3, figs. 11, 13.—Mont., 1888, 77 (*setosicaudata*); 1888, 193, 194 (*setosicaudata*).

*setosicaudata* Mont., 1888, 77; 1888, 195, 194 (for *setosicauda*).

## HISTRIONELLINA Dies., 1858d, 269 (type?).

*erythrops* (Dies., 1855) Dies., 1858d, 270 (in *Paludina impura*; Regiomonti).

*fissicauda* Dies., 1858d, 269–270 (syn. *Cerc. ocellata* Valette) (in *Lymnæus stagnalis*; Berlin).—Linst., 1878.

*melanops* (Dies., 1855) Dies., 1858d, 270 (syns. *Cerc. melanops* Dies.) (in *Paludina impura*; Regiomonti).

HOLLOSTOMOM Erc., 1881e, 88, for *Holostomum*.

HOLOMETRA Looss, 1899b, 564 (tod. *exigua*); ὄλος, entire; ἡ μήτηρ, uterus.—Braun, 1902b, 5.—Pratt, 1902, 888, 896.—Rail., 1900, 242.

*exigua* (Mueh., 1898) Looss, 1899b, 564, 678–679, fig. 4 (in *Circus rufus*; Adelen Island, Nile, near Heluan).—Stoss., 1904, 11.

HOLORCHIS Stoss., 1901, 93 (5) (tod. m. *pyncnopus*).

*pyncnopus* Stoss., 1901, 92–93 (rep. 4–5), pl. 6, fig. 10 (in *Sargus salviani*; Trieste).

## HOLOSTOMATIDÆ Gamb., 1896, 63, 67, 73.

## HOLOSTOMEÆ Brand., 1888a, 1–68, 72 pp. (family); 1889d, 241–245; 1890a, 590.

HOLOSTOMIDÆ E. Bl., 1847, 317.—R. Bl., 1888a, 541 (embraced in *Distomiens*).—Brand., 1888a, 63; 1890a, 549–604, pls. 39–41; 1891a, 415–416.—Braun, 1883a, 58; 1890a, 515; 1892a, 570, 696, 707, 774, 775; 1893a, 887, 890, 895, 899, 900; 1894l, 165–167; 1894m, 755; 1894k, 680–682 (development); 1895b, 136.—Heider, 1900, 21.—Hoyle, 1890, 539 (*Holost.*, *Hemist.*, *Eustemma*).—Jackson, 1888, 654 (*Holost.*; larval forms *Tetracotyle*, *Diplost.*, *Hemist.*).—Johnston, 1904a, 108–116 (from Australian birds), pls. 5–6; 1904b; 1904c, (VII, 12), 759–760; 1905 (I, 31), 13.—Looss, 1899b, 541, 543.—Mont., 1888a, 91; 1891, 109, 110; 1892, Oct. 7, 214 (f. of *Malacocotylca*).—Mueh., 1898, 18.—Pratt, 1902, 889–890, 908 (includes *Cyathocotylina*, *Diplostomina*, *Hemistomina*, *Holostomina*).—Rettger, 1897, 224–225.—Schneidemuehl, 1896, 295.—Stills & Hass., 1898a, 87.—Stoss., 1898, 20.

HOLOSTOMINÆ Mont., 1892, Oct. 7, 214 (subf. of *Holostomidæ*).—Braun, 1893a, 890, 895, 903.—Mueh., 1898, 19.—Pratt, 1902, 890 (*Holostomum*).

HOLOSTOMA, see *Holostomum*.

HOLOSTOMUM Nitzsch, 1819, 399–401 (type by inclusion *variabile*=*Planaria strigis*, type of *Strigea*); 1819, 35.—Baillet, 1866b, 99, 106.—Blainv., 1824a, 518 (*holostome*); 1828, 583–584.—E. Bl., 1847, 318.—Brand., 1888a, 8, 9, 10, 12, 13, 14, 17, 49, 50, 63; 1888b, 424–426; 1888, 954; 1889a, 67–68; 1890a, 576, 579, 590 (of *Rud.*).—Braun, 1883a, 40; 1892a, 570, 581, 600, 681, 715, 748, 792, 793, 794, 795, 797; 1893a, 844, 872, 879, 884, 886, 887, 890, 894, 895, 900, 902, 903, 905, 917; 1894, 166; 1895b, 132, 136.—Burm., 1837, 530; 1856a, 250.—Carus, 1863, 479.—Crep., 1839, 286, 287.—Dav., 1877, lxxix.—Dies., 1836, 237; 1850a, 287, 305 (of *Nord.*, syn. of *Diplost.*), 307 (of *Nitzsch pars*, syn. of *Hemist.*), 312–317 (of *Nitzsch* syns.: *Plan.*, *Görze*, *Festuc.*, *Schrank*, *Fasc.*, *Gmelin*, *Strigea* *Abildg.*, *Amphist.* *Rud.*); 1858c, 312, 319–322.—Duj., 1845a, 364–366.—Dunglison, 1893, 533.—Eichwald, 1829a, 248.—Fischer, 1840, 156.—Fischder., 1902a, 6, 7 (=Strigea); 1903h, 487 (=Amphist. *capite discreto*), 490 (syn. of *Strigea*), 507.—Gamb., 1896, 73.—Goldb., 1855, 17.—Hoyle, 1890, 539.—Jackson, 1888, 643, 648, 652, 653, 654 (*Tetracotyle*, *Diplost.*; larval forms).—Johnston, 1904, 3 n. Australian sp. from birds.—Lamouroux, 1822a, 194, 297 (syn. of *Amphist.*).—Leuck., 1863, 452, 524.—Looss, 1902m, 438, 439.—Luehe, 1901, 175.—Macleay, 1886, 342.—Mont., 1888, 8, 34, 63, 68, 71, 72, 83, 84, 91, 95, 104; 1891, 101, 105, 109; 1892, Oct. 7, 214 (gen. of *Holostomina*); 1892, 709.—Moul., 1856a, 12, 15.—Nord., 1840, 626, 627–628.—Par., 1887, 329.—Pratt, 1902, 890, 908.—Schneidemuehl, 1896, 295.—Stoss., 1898, 51.—Tasch., 1879, 233.—Villot, 1898, 538; 1878, 19.—Wallenstedt, 1847, 7.—Wolf, 1903, 607.—See *Strigea*.

## HOLOSTOMUM—Continued.

- alatum* (Göze, 1782) Nitzsch, 1819, 399, 400, pl. 4, figs. 1-4 (syns. *Plan. al. Rud.*, *Plan. al. Göze*, *Dist. vulpina* Abildg.).—Baillet, 1866b, 106-107 (syn. *Hemist. al.*).—Ben., 1858a, 1861a, 179.—Blainv., 1828, 583.—E. Bl., 1847, 318-220, pl. 10, fig. 1.—Brand., 1888a, 10, 12, 38, 39, 60 (to *Hemist.*).—Cobbold, 1879b, 300.—Crep., 1829b, 66; 1839, 287.—Dav., 1877a, lxxix.—Dies., 1850a, 308 (to *Hemist.*).—Duj., 1845a, 367, pl. 8, fig. D.—Dunglison, 1893, 533.—Gurlt, 1831a, 375, pl. 8, figs. 39-40.—Macleay, 1886, v. 10, 342.—Mehlis, 1831, 175.—Mont., 1891, 105.—Nord., 1840, 628 (syn. *Dist. al. Rud.*).—Stoss., 1890, 131.—Verrill, 1870, 173.—Ward, 1895, 341 (in *Canis familiaris*).
- anatis nigra* Dies., 1858e, 322, sp. inq. (based on Bellingham, 1844a, 340) (in *Anas* (*Oidemia*) *nigra*).—Brand., 1888a, 68 (syn. of *H. crenulatum* Cobbold); 1890a, 596.—Braun, 1893a, 903.—See also *crenulatum*.
- auritum* Duj., 1845a, 370 (t. h. *Strix flammea*; Rennes).—Brand., 1888a, 12.—Dies., 1850a, 312 (to *Hemist.*).
- bellinghamii* Cobbold, 1860a, 45, *falconum* renamed (in *Falco nisus*, *F. rufus*).—Brand., 1888a, 68 (in *F. nisus*, *F. rufus*); 1890a, 596 (syn. *H. falconum* Dies.).
- brevicaudatum* Nord., 1832a, 52-53 (t. h. *Barbus communis*; Berlin); 1840, 618.—Braun, 1892a, 795.—Crep., 1839, 287.—Dies., 1850a, 306 (to *Diplost.*).—Duj., 1845a, 380.—Gescheidt, 1833a, 430.—Moul., 1856a, 220.—Steenstrup, 1842, 58.
- bulbosum* Brand., 1888a, 67; 1890a, 595 (in *Geronticus albigollis*, *Nauclerus furcatus*).—Braun, 1893a, 903.
- bursarium* Nitzsch, in Giebel, 1857, 265 (t. h. *Falco peregrinus*).
- bursigerum* Brand., 1888a, 65 (in *Larus ridibundus*; Wien. Mus.); 1890a, 592, pl. 41, figs. 15-18.—Braun, 1892a, 586; 1893a, 903.—Stoss., 1891, 216; 1892, 65; 1898, 22.
- cinctum* Brand., 1888a, 34, 67 (in *Ardea* sp.; by Natterer); 1890a, 564, 594, pl. 41, figs. 21-22.—Braun, 1893a, 903 (Brazil).
- clavus* Mol., 1858, 128 (t. h. *Gadus merluccius*; Patavii); 1861, 196-197, pl. 1, figs. 9-11.—Brand., 1888a, 67; 1890a, 595.—Braun, 1893a, 874, 903.—Cobbold, 1879b, 462.—Dies., 1858e, 322 (in *G. merl.*).
- coniferum* Mehliis in Crep., 1846, 138 (t. h. *Colymbus cristatus*).
- cornu* Nitzsch in Rud., 1819a, 89, 357 (t. h. *Ardea cinerea*) (to *Amphist.*).—Brand., 1888a, 66; 1890, 594 (in *Ardea* sp.).—Braun, 1893a, 879-903; 1894k, 682.—Dies., 1850a, 315 (syn. *Amphist. cornu* Rud nec Dies.); 1858e, 321 (*Amphist. cornu* Bellingham) (in *Ardea cinerea*, *A. herodias*, *A. stellaris*).—Duj., 1845a, 374.—Linst., 1877, 187.—Schlotthauber, 1860, 129.—Stoss., 1895, 37; 1897, 9; 1898, 22 (in *Ardea cinerea*, *Rovigno*; *A. purpurea*; *Monfalcone*).—Wedl, 1857, 253-254, pl. 1, fig. 19.—Westrumb, 1823, 394.—Wolffhugel, 1900, 9, 12.—Reported also for *Accipiter nisus*, *Ardea garzetta*, *A. purpurea*, *Ciconia alba*.
- cornucopia* Mol., 1859, 287-288 (t. h. *Strix flammea*; Batavii); 1861, 196, pl. 1, fig. 8.—Brand., 1888a, 68 (in *Strix otus*); 1890a, 596 (in *Otis vulgaris*).—Braun, 1892a, 585, 610, 674, 784, 785, 786, 787, 792, 793, 794; 1893a, 903.—Dies., 1859c, 424 (*cornucopiae*).—Jackson, 1888, 652.—Linst., 1877, 188-191, pl. 13, fig. 20, pl. 14, figs. 29-30; 1885, 253-254, pl. 15, fig. 31; 1890f, 186 (*cornucopiae*); 1906, 14 (in *Strix flammea*).—Piana, 1898, 9.—Also reported for *Ægoli otus*.
- cornucopiae* Dies., 1859c, 424, for *cornucopia*.
- cornutum* (Rud., 1809) Duj., 1845a, 372-373.—Brand., 1888a, 68 (syn. *H. multilobum* Cobbold) (in *Charadrius pluvialis*); 1890a, 596 (of Dies.).—Braun, 1893a, 903.—Dies., 1850a, 316-317.
- corone* Dies., 1858e, 322 (in *Corvus corone*; Ireland).—Brand., 1888a, 68 (syn. of *H. dubium* Cobbold); 1890a, 596.—Braun, 1893a, 903.
- crenulatum* Cobbold, 1860a, 47 (in *Anas nigra*; Ireland).—Brand., 1888a, 68 (syn. *H. anatis nigrae* Dies.) (in *Anas oidemia*); 1890a, 596 (in *Edemia nigra*).
- cuticula* Nord., 1832, 43, 49-52, pl. 4, figs. 1-4 (in *Cyprinus carpio*, *C. brama*, *C. blicca*, *C. idus*, *C. rutilus*, *C. erythrophthalmus*), belongs to *Cryptostomum*; 1840, 618, 628.—Brand., 1888a, 11, 15.—Braun, 1892a, 795.—Crep., 1839, 287; 1846, 154.—Dies., 1850a, 306 (to *Diplost.*).—Duj., 1845a, 379-380.—Gescheidt, 1833a, 429.—Kroyer, 1838-40a, 21, 578; 1846-53a, 388, 399, 434, 446, 462; 1852-53a, index (*cuticula*, 1250) (in *Perca fluviatilis* L., *Abramis brama* L., *A. blicca* Bl., *Leuciscus erythrophthalmus* L., *L. rutilus* L., *L. idus* L.).—Moul., 1856a, 217-218, 220 (in *Perch*, *cyprins*).—Pavesi, 1881, 615, 616 (in *Cobitis taenia*).—Steenstrup, 1842, 58.—Villot, 1898, 541.—Waldenburg, 1860, 5, 11.—Also reported for *Cyprinus vimba*.

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*cuticula* Kroyer, 1852-53a, 1250, for *cuticola*.

*denticulatum* (Rud., 1819) Duj., 1845a, 372, pl. 8, fig. a, 1, 2.—Brand., 1888a, 12.—Dies., 1850a, 311 (to Hemist.) (in *Alcedo ispida*; Rhedoni).—Villot, 1878, 19; 1898, 538.

*dubium* Cobbold, 1860a, 45 (in *Corvus corone*).—Brand., 1888a, 68 (syn. *H. coronæ* Dies.); 1890a, 596 (in *C. corone*).

*ellipticum* Brand., 1888a, 67 (in *Bubo magellanicus*; by Natterer); 1890a, 595.—Braun, 1893a, 903.—Linst., 1906, 15.

*erraticum* (Rud., 1809) Duj., 1845a, 373-374.—Baillet, 1866b, 107.—Brand., 1888a, 59 (of Linst., 1877c) (syn. of Hemist. *pileatum*), 63-64; 1890a, 571, 586, 591, pl. 41, figs. 3-4.—Braun, 1892a, 797; 1893a, 844, 874, 879, 903 (Brazil); 1894, 166.—Dies., 1850a, 313 (syns. *Strigca anatis tadornæ* Viborg, *S. candida* Abildg., *Amphist. anatis tadornæ* Rud., *A. isost.* Rud., *A. erraticum* Rud., *H. macrocephalum* Crep.); 1858e, 320 (syn. *Amphist. isostomum* Bellingham) (in *Anas boschas fera*, *A. ferina*).—Erc., 1881c, 48-54, 88 (*Hollostomom*); 1882a, 284-290, 324.—Kowal., 1894, 2.—Linst., 1877, 188, pl. 13, figs. 18-19; 1906, 14 (in *Strix otus*, *Falco albicilla*).—Mont., 1888a, 71.—Ols., 1893, 8.—Par., 1899, 4; 1902, 4 (in *Querquedula circia*; Elba).—Piana, 1898, 4.—Also reported for *Alca torda*, *Anas boschas*, *A. crecca*, *A. fusca*, *Ascolopax gallinago*, *Colymbus arcticus*, *C. balticus*, *C. septentrionalis*, *Fuligula cristata*, *F. ferina*, *F. marila*, *Harelda glacialis*, *Limosa melanura*.

*eustemma* Brand., 1888a, 65-66 (in *Accipiter pileatus*; Brazil); 1890a, 593, pl. 41, fig. 25 (syn. *Eustemma caryophyllum* Dies.).—Braun, 1893a, 903.

*excavatum* (Rud., 1803) Nitzsch, 1819, 399, figs. 5-7 (in *Ardea nycticorax*).—Ben., 1868, 296, 300, pl. 2, figs. 6-8.—Blainv., 1828, 584.—Brand., 1888a, 12.—Braun, 1893a, 903; 1894k, 682.—Dies., 1850a, 309 (to Hemist.).—Duj., 1845a, 375.—Gamb., 1896, 63.—Leuck., 1879, 14; 1886d, 11.—Looss, 1892, 14.—Nord., 1840, 628.

*excisum* Linst., 1906, 12-15, pl. 1, figs. 14-16 (in *Ægolius otus*, *Strix flammea*).

*crigum* Mehlis in Crep., 1846, 145 (t. h. *Cygnus musicus*).—Also reported for *Mergus merganser*, *M. serrator*.

*falconum* Dies., 1858e, 322, sp. inq. (based on Bellingham, 1844, 39) (in *Falco nisus* et *F. rufus*; Hibernia).—Brand., 1888a, 68 (syn. of *H. bellinghamii* Cobbold); 1890a, 596.—Braun, 1893a, 903.—Linst., 1883, 311.—See also *bellinghamii*.—Also reported for *Astur nisus*, *A. palumbarius*, *Circus rufus*.

*gracile* (Rud., 1819) Duj., 1845a, 378.—Brand., 1888a, 68 (in *Mergus merganser*); 1890a, 595, pl. 41, fig. 26.—Braun, 1893a, 903.—Crep., 1846, 141, 142, 144, 145.—Dies., 1850a, 315; 1858e, 321 (in *Colymbus glacialis*, *Anas nigra*) (*Amphist. gracile* Bellingham).—Kowal., 1896d, (2) 252 (in *Anas crecca*, *A. boschas* dom.; Dublany); 1904, (8) 23 (in *Mergus merganser*).—Linst., 1877, 188, pl. 13, fig. 17.—Par., 1901, 6.—Also reported for *Anas clangula*, *A. fusca*, *Anser albifrons*.

*hillii* Johnston, 1904, 110-111, pl. 6, figs. 1-8 (in *Larus novæ hollandiæ* Stephens).

*isostomum* (Rud., 1814) Duj., 1845a, 377.

*lagena* Mol., 1858, 127 (t. h. *Strix passerina*; Patavii); 1861, 195.—Brand., 1888a, 68 (in *St. pass.*); 1890a, 596 (in *Glucidium passerinum*).—Braun, 1893a, 903.—Dies., 1858e, 320 (in *St. pass.*).—Linst., 1906, 15 (in *Gl. pass.*).

*longicollis* (Rud., 1819) Duj., 1845a, 374-375.—Brand., 1888a, 64-65 (in *Botaurus stellaris*; Wien. Mus.); 1890a, 592, pl. 41, fig. 19.—Braun, 1892a, 586; 1893a, 903.—Crep., 1849, 69.—Dies., 1850a, 316; 1858e, 321 (in *Larus argentatus*) (syn. *Amphist. longicollis* Bellingham).—Leuck., 1863, 481.—Mol., 1859, 818 (in *Larus ridibundus*; Padua).—Mueh., 1898, 19.—Par., 1887, 330-331.—Stoss., 1890, 50; 1891, 216; 1895, 37; 1897, 9; 1901, 91 (3) (in *Botaurus stellaris*; Albona); 1898, 21-22.—Reported also for *Ardea alba*, *A. stellaris*, *Larus cachinnans*, *Xema ridibundum*.

*lyratum* Schlotthauber, 1860, 129 (in *Ardea cinerea*).

*macrocephalum* (Rud., 1803) Blainv., 1828, 584.—Baird, 1853, 47.—Brand., 1888a, 68; 1890a, 596.—Braun, 1891d, 424 (in *Aquila chrysaëtos*, *Astur palumbarius*, *Circus æruginosus*, *C. cyaneus*, *Strix noctua*); 1893b, 185.—Crep., 1839, 288; 1846, 130.—Dies., 1850a, 312, 313 (of Crep. and Duj., syn. of *H. variabile* Nitzsch), 313 (of Crep. pars. syn. of *H. erraticum* Duj.); 1858e, 320 (of Crep., 1849, 1, 64, syn. of *H. variabile* Nitzsch).—Duj., 1845a, 368-369.—Fischder.,

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- 1901, 367; 1902a, 7 (Plan. strigis Gorze, 1782); 1903h, 490 (=strigis, type of Strigra, Amphist., Holost.).—Leuck., 1863, 460.—Linst., 1906, 14 (syn. H. variabile Nitzsch) (in Buteo vulgaris).—Shipley, 1905, v. 6 (1), 7 (type of Strigra).—Stoss., 1890, 131; 1890, 50; 1891, 111; 1892, 66; 1896, 126; 1898, 21.—Also reported for Falco buteo, F. nisus, F. palumbarius.
- megalocephalum* Brand., 1888a, 67 (in Stomias sp.; by Natterer); 1890a, 595.—Braun, 1893a, 903 (Brazil).
- microstomum* (Rud., 1809) Duj., 1845a, 371.—Brand., 1888a, 68 (in Corvus caryocatactes); 1890a, 596 (in Caryocatactes nucifraga).—Braun, 1893a, 874, 903.—Dies., 1850a, 314 (in Corv. caryoc.; Gryphæ).
- multilobum* Cobbold, 1860a, 46–47 (in Charadrius pluvialis).—Brand., 1888a, 68; 1890a, 596 (syn. of H. cornutum Dies.).
- musculicola* Waldenburg, 1860, 12 (in Cyprinus, Perca fluviatilis).—Brand., 1888a, 15, 52; 1890a, 578.—Villot, 1898, 542.—Reported for Abramis brama, Scardinius erythrophthalmus.
- musculosum* Johnston, 1904, 112–114, pl. 7, figs. 4–9 (in Sterna bergii Licht.).
- nitidum* Leidy, 1856, 45 (t. h. Rana pipiens).—Brand., 1888a, 14, 68 (in R. pip.); 1890a, 595.—Braun, 1893a, 903.—Dies., 1858c, 321–322 (in R. pip.; Phila.).—Staff., 1902, 724.
- ochreatum* Nitzsch, in Giebel, 1857, 265 (t. h. Falco haliaëtus).
- patagiatum* Crep., 1846, 135 (t. h. Ardea stellaris).
- pellucidum* Schlotthauber, 1860, 129 (in Petromyzon fluviatilis).
- pileatum* (Rud., 1802) Blainv., 1828, 584.—Duj., 1845a, 377.—Ben., 1858a, 1861a, 179.—Brand., 1888a, 12.—Braun, 1893a, 903.—Crep., 1846, 137.—Dies., 1850a, 314–315.—Reported for Sterna macrura.
- platycephalum* (Crep., 1825) Duj., 1845a, 376.—Baird, 1853a, 48.—Brand., 1888a, 63 (syn. of H. variegatum Duj.); 1890a, 591.—Braun, 1891d, 424 (in Larus ridibundus); 1893a, 876; 1893d, 467; 1894, 166.—Crep., 1839, 287; 1846, 129, 136, 139.—Dies., 1850a, 313.—Mégnin, 1891a, 323 (in Larus ridibundus).—Mueh., 1898, 16.—Reported also for Carbo cormoranus, Colymbus cristatus, C. rufogularis, Falco albicilla, Halieus carbo, Larus argentatus, L. canus, L. fuscus, Lestris pomarina.
- podomorphum* Nitzsch, 1819, 399–400, figs. 8–10 (in Falco haliaëtus; Europe).—Brand., 1888a, 12; 18—, 62.—Dies., 1850a, 311 (to Hemist.) (in F. hal.; Halle).—Duj., 1845a, 370.
- rotundatum* Linst., 1877, 187–188 (in Ianus collurio).—Brand., 1888a, 66 (syn. of H. sphaerula Duj.) (in Ianus collurio); 1890a, 593.
- serpens* Nitzsch, 1819, 400–401 (in Falco haliaëtus), figs. 17–22; in Rud., 1819a, 88, 353–354 (t. h. Falco haliaëtus) (to Amphist. by Rud., 1819a, 88, 353; returned to Holost. by Duj., 1845a, 371, and Dies., 1850a, 316); 1819, 399, 400–401, pl. 4, figs. 17, 22.—Ben., 1858a, 1861a, 197.—Blainv., 1828a, 584.—Brand., 1888a, 11, 68 (in F. hal.); 1890a, 596; 1891b, 265.—Dies., 1850a, 316 (syn. Amphist. ser.).—Braun, 1892a, 586, 746, 751; 1893a, 903.—Giebel, 1857, 265.—Mueh., 1898, 19.—Nord., 1840, 616, 628 (syn. Amphist. ser.).—Linst., 1904, 254.—Loos, 1893b, 810.—Sieb., 1835, 66.
- simplex* Johnston, 1904, 112, pl. 7, figs. 1–3 (in Ardea novæhollandiæ Lath.).
- spathaceum* (Rud., 1819) Duj., 1845a, 375–376.—Baird, 1853a, 48.—Brand., 1888a, 12.—Crep., 1846, 139.—Dies., 1850a, 310 (to Hemist.).—Erc., 1881e, 54; 1882a, 290.—Nord., 1840, 628.—Stoss., 1898, 20.
- spathula* Crep., 1829, 50–54 (in Falco buteo, F. nisus, F. lagopus); 1839, 238; 1846, 129 (spelled spatula Dies., 1836, 240).—Brand., 1888a, 12.—Dies., 1850a, 309 (to Hemist.).—Duj., 1845a, 369–370.—Mehlis, 1831, 174–176.—Mol., —.—Nord., 1840, 628 (spatula).—Stoss., 1898, 20.—Also reported for Strix brachyotus.
- spatula* Sieb., 1835, 57.—Dies., 1836, 240, for spathula.—Baird, 1853a, 48 (in Accipiter nisus).
- spatulatum* (Rud., 1819) Duj., 1845a, 376.—Brand., 1888a, 12.—Cobbold, 1876, 97.—Dies., 1850a, 367 (to Dist.).—Kowal., 1898 (to Echinost.).—Nord., 1840, 628.—Stoss., 1892, 186.
- sphærocephalum* (Westrumb, 1823) Dies., 1850a, 314 (in Coracina scutata; Brazil).—Brand., 1888a, 65 (syns. Amphist. sph., Holost. westrumbii) (in Aras moschata); 1890a, 592–593, pl. 41, fig. 20.—Braun, 1893a, 903.—Wolffhugel, 1900, 9, 60.

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- sphærule* (Rud., 1803) Duj., 1845a, 371-372.—Blochmann, 1892b, 650 (in *Corvus cornix*).—Brand., 1888a, 66 (syn. *H. rotundatum*) (in *Corvus cornix*, *C. corone*, *Lanius collurio*, *Oriolus cristatus*); 1890a, 593, 594, pl. 41, fig. 7.—Braun, 1893a, 904; 1894k, 681.—Crep., 1846, 132.—Dies., 1850a, 314 (in *Corvus cornix*, *C. corone*, *C. frugilegus*); 1858e, 321 (in *C. glandarius*).—Kowal., 1896d, 252 (2) (in *Corvus cornix* L.; Dublany); 1904, 23 (8) (in *Garrulus glandarius*).—Linst., 1877, 187.—Mol., 1858, 128; 1861, 196.—Mueh., 1898, 19.—Wolffhuegel, 1900, 9, 26, 33, 41.
- squamosum* Villot, 1878, 20-21, pl. 5, figs. 2-3 (in *Streptailas interpres*).—Brand., 1888a, 18; 1890a, 577.—Linst., 1889.—Mont., 1888a, 23, 71.
- tenuicollis* (Westrumb, 1823) Dies., 1850a, 316 (in *Falco rufus*).—Brand., 1888a, 66 (in *F. rufus*); 1890a, 594, pl. 41, fig. 23.—Braun, 1892a, 586; 1893a, 904.—Also reported for *Circus rufus*.
- unciforme* (Rud., 1819) Brand., 1888a, 66; 1890a, 594 (in *Oriolus cristatus*).—Braun, 1893a, 904.
- urniceps* Schlotthauber, 1860, 129 (in *Falco pygargus*, int.).
- urnigerum* (Rud., 1819) Duj., 1845a, 378-379.—Baird, 1853a, 49 (syn. *Codonocephalus mutabilis* Dies.).—Brand., 1888a, 13.—Dies., 1836, 241; 1858e, 323 (of Wedl syn. of *Co. mut.*, type Dies.).—Hannover, 1864a, 5.—Moul., 1856a, 219 (in *Rana esculenta*).—Sieb., 1835, 57.—Sons., 1893, 190 (syn. of *Co. mut.* Dies.).—Wedl, 1857, 255.
- vaginatum* Brand., 1888a, 64 (in *Cathartes* sp. by Natterer); 1890a, 591, pl. 41, fig. 24.—Braun, 1893a, 904 (Brazil).
- variabile* Nitzsch, 1819, 400, pl. 4, figs. 11-16 (in owls; Germany), syn. *Amphist. macrocephalum* Rud.; in Giebel, 1857a, 265 (in *Strix aluco*, *Scolopax gallinula*).—Baird, 1853a, 47 (=H. *macrocephalum* Blainv.).—Brand., 1888a, 5, 32, 63, 68 (in *Strix aluco*); 1890a, 561, 590, 596, pl. 41, fig. 1.—Braun, 1892a, 699; 1893a, 879, 881, 904; 1894k, 682; 1895b, 11.—Crep., 1839, 288.—Dies., 1850a, 312-313 (syns. *Planaria teres* poro *simplicis* Gœze, *Festuc. strigis* Schrank, *Fasc. strigis* Gmelin, *Strigea* Abildg., *Amphist. macrocephalum* Rud., *H. macrocephalum* Crep.) (in *Strix brachyotus*, *S. bubo*, *S. flammea*, *S. otus*, *S. aluco*, *S. passerina*, *S. tangmalmi*, *Falco tinnunculus*, *F. apivorus*, *F. albicilla*, *F. naevius*, *F. gallicus*, *F. lagopus*, *F. cineraceus*, *F. rufus*, *F. haliaëtus*, *F. buteo*, *F. peregrinus*, *F. pennatus*, *F. cyaneus*, *F. rufipes*, *F. imperialis*); 1858e, 320 (syns. *Amphist. macrocephalum* Bellingham, 1844; *H. macrocephalum* Crep., 1849) (in *Falco rufus*, *F. peregrinus*, *Ardea cinerea*, *Strix nyctea*, *S. pygmaea*).—Giebel, 1857, 265.—Hoyle, 1890, 539.—Kastenbaum, 1899, 244, fig. 33, 7.—Kowal., 1896d, (2) 252 (in *Buteo vulgaris* Bechst.; Dublany); 1904, (8) 23 (in *Otus brachyotus*; Dublany).—Linst., 1877, 187; 1903, 279; 1905, 191; 1906, 14 (syn. of *H. macrocephalum*).—Mol., 1858, 127; 1859, 818 (in *Strix otus*); 1861, 194-195, pl. 1, figs. 6-7.—Mueh., 1898, 16, 19.—Nord., 1840, 626 (syn. of *Amphist. macrocephalum*).—Par., 1887, 329-330; 1899, 4; 1902, 3-4 (in *Aesalon regalis*, *Asio otus*, *Circus cyaneus*; Elba).—Stoess., 1892, 66 (in *Falco peregrinus*; near Trieste); 1895, 37 (in *Circus aeruginosus*; *Accipiter nisus* at Trieste; *Syrnium aluco* in Dalmatia); 1896, 126 (in *Cerchneis tinnunculus*; Staranzano); 1898, 21.—Villot, 1898, 542 (adult of *Tetracotyle colubri*).—Walter, 1866, 64 (*A. macrocephalum* Crep.).—Wedl, 1857, 252-253, pl. 1, fig. 18.—Wolffhuegel, 1900, 9, 11 (in *Vultur calvus*), 16, 17, 44.—Reported for *Aegolius brachyotus*, *A. otus*, *Aquila albicilla*, *A. imperialis*, *A. naevia*, *A. pennata*, *Archibuteo vulgaris*, *Ardea cineria*, *Astur nisus*, *Brachyotus palustris*, *B. variabilis*, *Bubo maximus*, *Buteo lagopus*, *Circæus gallicus*, *Circus cineraceus*, *C. cyaneus* v. *hudsonius*, *C. rufus*, *Falco cyaneus*, *Nyctea nivea*, *Otus vulgaris*, *Pica caudata*, *Picus* sp., *Scolopax gallinula*.
- variegatum* (Crep., 1825) Duj., 1845a, 376-377.—Brand., 1888a, 7, 63 (syn. *H. platycephalum* Duj.).—Baird, 1853a, 48.—Braun, 1893a, 844, 904; 1894, 166, 167; 1894k, 681.—Crep., 1846, 139.—Dies., 1850a, 315.—Duj., 1845a, 376-377 (in *Larus maximus*).—Mueh., 1898, 16, 19-20, fig. 9.—Villot, 1898, 542 (adult of *Tetracotyle ovata*).—Wolffhuegel, 1900, 9, 62.—Reported for *Alca torda*, *Anas boschas*, *Carbo cormoranus*, *Colymbus rufogularis*, *C. septentrionalis*, *Falco albicilla*, *Fuligula nyroca*, *Harelda glacialis*, *Larus argentatus*, *L. marinus*, *L. ridibundus*, *Podiceps cristatus*, *Uria troile*, *Xema ridibundum*.
- westrumbii* Cobbold, 1860a, 45 (*Amphist. sphærocephalum* Westrumb, renamed) (in *Coracina scutata*; Brazil).

- HOMALOGASTER** Poir., 1883, 74-76, 79 (m. *paloniæ*) (*ὁμαλός*=flat; *γαστήρ*=stomach); 1885, 120.—Braun, 1892a, 568, 581, 645, 663; 1893a, 879, 886, 890, 892, 895, 904, 906, 918.—Fischder., 1901, 374; 1902a, 7, 46, 47; 1903h, 489 (in *Palonia frontalis*); 1903h & i, 630-631 (diagnosis, type *paloniæ*).—Gamb., 1896, 73.—Hoyle, 1890, 539.—Looss, 1895, 11; 1896b, 17; 1899b, 541; 1902m, 440.—Mont., 1888, 7, 12, 14, 35, 91, 103; 1892, Oct. 7, 214 (gen. of *Amphistominae*).—Piana & Stazzi, 1900, 523.—Pratt, 1902, 887, 892.—Shipley, 1905, v. 6 (1), 8.—Sons., 1895, 184, 186; 1896, 310.—Stiles, 1898a, 24.
- paloniæ* Poir., 1883, 74-76, pl. 2, figs. 1 a-b (t. h. *Palonia frontalis*; Java).—Braun, 1893a, 874, 907; 1893d, 466.—Fischder., 1901, 374; 1902a, (7) 47 (in *Palonia frontalis*; Java); 1903h, 630 (Dickdarm, *Palonia frontalis*; Java).—Giard & Billet, 1892a, 615.—Linst., 1889a, 21.—Sons., 1895, 184.—Stiles, 1898a, 24, 37, 72, 139, fig. 67.
- poivieri* Giard & Billet, 1892a, 615 (in cattle; Tonkin).—Fischder., 1901, 374; 1902a, 47-48 (in *Bos taurus*; Tonkin); 1903h, 630-631 (in Tonkin cattle).—Rail., 1893, 379.—Sons., 1895, 185.—Stiles, 1898a, 24, 67, 140.—Ward, 1895, 332 (in *Bos taurus*).
- HOMALOMETRON** Staff., 1904, May 3, 487 (m. *pallidum*); '*ὁμαλός*, regular; *μέτρον*, mass.
- pallidum* Staff., 1904, May 3, 487 (t. h. *Fundulus heterochitus* L.; Woods Hole) (based on Lint., 1901, 422, pl. 32, fig. 354).
- HOPILODERMA** Cohn, 1903, 35-37 (m. *mesocœlium*).—Poche, 1907, 125 (Cohn not Michael, renamed *Pintneria*).
- mesocœlium* Cohn, 1903, 35-37, figs. 1-2 (in *Draco volans*; Eastern Java).
- (**HORMOCERCARIA**) Dies., 1855a, 390, 394 (subg. of *Cerc.*) (type species *echinata*, or *echinatoides*) (*corpus infra os collari echinis percursu cinctum*).—Renamed (*Nephrocephala*), 1858.
- echinata* (Sieb., 1837) Dies., 1855a, 390-391; 1858d, 261. [See *Dist. echinatum*, type of *Echinost.*]
- echinatoides* (Fil., 1854) Dies., 1855a, 391-392; 1858d, 262. [Apparently type by elimination.] See, however, below, p. 385, Addenda.
- HYDRICUCULUS** McCrady, 1874a, 178 (m. *cuculus*, see sub *Bucephalus*) generic name abandoned by McCrady at date of publication.
- HYPOSTOMA** (Rud., 1809a, 36-37, 325-327) (nec *Hypostomus* Lac., 1803, fish) (type species probably *caryophyllinum* by Blainv., 1828a, 581); *ὄπo*, below; *στροφα*, mouth; originally a subg. of *Monost.*; see also (*Hypost.*).—Blainv., 1824a, 518 (*hypostome*, "C'est un genre bien douteux, peut-être un degré de développement"); 1828a, 581.—Crep., 1839, 285.—Looss, 1902m, 830.—Nord., 1840, 623.—Olfers, 1816, 48.
- caryophyllinus* (Rud., 1802) Blainv., 1828, 581.—Dies., 1850a, 328 (to *Monost.*).—Duj., 1845a, 360 (to *Monost.*).—Nord., 1840, 623 (to *Monost.*).
- (**HYPOSTOMA**) Rud., 1809a, 36-37, 325-327, subg. of *Monost.* See *Hypostoma*.
- caryophyllinum* (Rud., 1802) Rud., 1809a, 325-326 (to *Hypost.* by Blainv., 1828, 581; returned to *Monost.* by Duj., 1845a, 360).
- cochleariforme* Rud., 1809a, 326-327 (= *Festuc. cyprinacea* Schrank, 1790, renamed) (in *Cyprinus barbus*).
- gracile* Rud., 1809a, 326 (t. h. *Salmo eperlanus*).
- HYPOSTOMATA** Rud., 1809a, 325, plural of *Hypostoma*.
- ICHTHYDIUM** Hemprich & Ehrenberg, 1828a (m. *Cerc. podura* Mueller; Nubia; Berlin), n. g. *Ichthydinorum*.
- ITYOGONIMUS** Luehe, 1899k, 538 (tod. *ocreata* Zed. = *lorum* Duj.; *ἵρυς*, margin, because of marginal position of genital pore); 1900, 557; 1901, 488.—Braun, 1900h, 6, 13; 1901i, 56; 1901, 897; 1902b, 129, 134.—Looss, 1900, 607; 1901, 206; 1902m, 755 (= *Cucullanus* Schrank), 839.—Pratt, 1902, 889, 907.
- ocreatus* (Gœze, 1782) Braun, 1902b, 135.—[Luehe, 1899, 538 (= *Dist. lorum* Duj.).]
- KLEPSITROMIS** Hammerschmidt in Leuck., 1835a, 88 (m. *melolonthæ*) "das aber viele Aehnlichkeit mit *Distoma* zu haben scheint."
- melolonthæ* Hammerschmidt in Leuck., 1835a, 88, a drawing in Vienna.

**KÖLLIKERIA** Cobbold, 1860a, 31 (m. filicollae) (not Agassiz, 1862; not Mingazzini, 1891, protozoon).—Braun, 1893a, 885, 886 (Köllikeria), 894, 895, 908, 909, 911, 918; 1895b, 127, 136.—Gamb., 1896, 73.—Lint., 1901, 447.—Looss, 1899b, 536, 542, 543; 1901, 196.—Moniez, 1896, 83.—Mont., 1888, 92, 105; 1893, 149, 153, 154.—Pratt, 1902, 889, 908.—Schneidemuehl, 1896, 295.—Stiles & Hass., 1898a, 91, 98 (type Monost. filicollae Rud.).—Stoss., 1892, 4.—Tasch., 1879, 608.

1893: Köllikeria Braun, 1893a, 886, for Köllikeria.

*filicollis* (Rud., 1819) Cobbold, 1860a, 31; 1879b, 462.—Ariola, 1906, 186, to (Dist.) (in *Brama raii*).—Braun, 1893a, 912.—Sons., 1890, 143 (in *Brama raii*).

*okeni* Ariola, 1906, 186 (syn. Dist. *okeni* Koell.), for *okenii*.

[*staurocephali* Mingazzini, 1891, protozoon.]

(**KÖLLIKERIA**) as subg. of *Distoma*. See also as genus.

*dicorynum* (Dies., 1850) Stoss., 1886, 47, as doubtful member of subg. (in *Lampris guttatus*).

*filicollae* (Rud., 1819) Stoss., 1886, 58.

**LATIUSCULA** Goetze, 1782a, 41, 169–173 (a “Klasse” of Plan. Goetze, containing: *F. hepatica*, *Fledermausplattwurm*, *F. lucii*, *F. scorpii*, *F. lucioperca*, *F. perca cernuae*, *F. serrulata*, *F. farionis*, *F. salmonis*, *F. varica*, *F. platessa*, *F. blennii*).

**LECANE** Nitzsch, 1827, 69 (contains *Cerc. orbis*, *C. luna*).

**LECHRIORCHIS** Staff., 1905, Apr. 11, 691 (m. *primus*) *λέχριος*, oblique; *δρχις*, testicle) (resembles *Saphedera*, *Plagiorchis* and *Haplometra*).

*primus* Staff., 1905, Apr. 11, 691 (t. h. *Eutenia sirtalis* L.; Canada) (includes Dist. sp. of Staff., 1902, 482).

**LECITHASTER** Luehe, 1901n, 395, 396 (tod. *bothryophorus* Olss. of Looss), 479–480.—Odh., 1905, 357, 358, 359, 360, 366 (type *confusus* Odh. by Odh.).—Pratt, 1902, 889, 906.—Staff., 1904, 484.

*bothryophorus* (Olss., 1868 of Looss) Luehe, 1901n, 396, 480.—Odh., 1905, 357 (*bothryophorus*).—Staff., 1904, May 3, 484 (syn. *Apoblema mollissimum* Lev.) (in *Salmo salar* L., *Clupea harengus* L.).

*bothryophorus* Odh., 1905, 357, for *bothryophorus*, renamed *confusus*, 1905.

*confusus* Odh., 1905, 357, 358, 359 (made type of genus by Odh.) (syns. *L. bothryophorus* of Luehe, Dist. *mollissimum* Levin. of Stoss., *Apoblema mol.* Levin.), in intestine of *Alosa finta* of Mediterranean, and *Clupea harengus* of North Sea.

*gibbosus* (Rud., 1802) Luehe, 1901n, 480, in intest. of *Belone acus*, in Greifswald.—Odh., 1905, 356–359 (syns. Fasc. gib. Rud., 1802, 81, pl. 2, fig. 7; Dist. gib. Rud., 1809a, 404, pl. 6, fig. 8; D. *bergense* Olss., 1868, 43, pl. 5, fig. 93; D. *mollissimum* Levin., 1881, 59, pl. 2, fig. 4; *Lecithaster* gib. Luehe, 1901, 480; [not Dist. *bothryophoron* Olss., 1868, 42, pl. 5, fig. 92; not D. *mollissimum* Levin., of Stoss., 1889, 1–2; not *Apoblema mollissimum* (Levin.) Looss, 1896, 121, pl. 9, figs. 85–87]).—Nicoll, 1907, 72, 89–90 (syn. *L. mollissimus*) (in *Ammodytes tobianus*).

*mollissimus* (Levin., 1881) Nicoll, 1907, 89 (syn. of *L. gibbosus*).

**LECITHASTERINÆ** Odh., 1905, 360, 364 (includes *Lecithaster* and *Lecithophylum*).

**LECITHOBOTRYS** Looss, 1902h, 134, 135 (tod. *putrescens*).

*putrescens* Looss, 1902h, 135, 143, fig. 14 (in *Mugil auratus*).

**LECITHOCHIRINÆ** Luehe, 1901n, 481 (includes *Lecithochirium*, *Derogenes*, and *Lecithaster*).

**LECITHOCHIRINÆ** Nicoll, 1907, 89, for *Lecithochiriniæ*.

**LECITHOCHIRIUM** Luehe, 1901n, 395, 396 (tod. *rufoviride*), 397, 401, 473–478, 479, 480, 484.—Odh., 1905, 360, 362, 364; 1906, 59–66 (syn. *Synaptobothrium*).—Pratt, 1902, 889, 906.

*caudiporum* (Rud., 1819) Luehe, 1901n, 477–478.

*conriva* Luehe, 1901n, 474, 476 (in *Conger conger*; Coll. Berlin).

*copulans* (Linst., 1904) Odh., 1906, 59–66 (syn. *Synaptobothrium copulans* Linst.).

*digitatum* (Looss, 1899) Luehe, 1901n, 396, 401, 474, 475, 478.



## LECITHOCHIRIUM—Continued.

*fusiforme* Luehe, 1901n, 476, 480, 485, fig. 3 (in *Conger conger*; Coll. Berlin).—Odh., 1905, 349.

*grandiporum* (Rud., 1819) Luehe, 1901n, 474, 477.

*physcon* Luehe, 1901n, 478 (in *Lophius piscatorius*; Triest).

*rufoviride* (Rud., 1819) Luehe, 1901n, 396, 474–475, 476, 477, 478.—Nicoll, 1907, 72 (in *Anguilla vulgaris*).—Odh., 1905, 350, 355; 1906, 63.

LECITHOCLADIUM Luehe, 1901n, 395 (tod. excisum), 401–403, 474, 481, 485.—Cohn, 1902k, 47–68, 1 pl., 9 figs.—Nicoll, 1907, 84.—Odh., 1905, 355, 356 (type excisum).—Pratt, 1902, 889, 906.

*barbatum* Cohn, 1902k, 47–54, 55, pl. 3, figs. 1–7 (in *Coryphæna*).

*excisiforme* Cohn, 1902k, 54–55, pl. 3, fig. 8 (in *Scomber scomber*).

*excisum* (Rud., 1819) Luehe, 1901n, 395, 398, 402, 403, 485, fig. 1.—Cohn, 1902k, 48, 54.—Odh., 1905, 350.

*tornatum* (Rud., 1819) Luehe, 1901n, 403, 485, fig. 2.—Cohn, 1902k, 47, 48.

LECITHODENDRIINÆ Looss, 1902m, 815.

LECITHODENDRINÆ Luehe, 1901, 173.—Stoss., 1904, 198.

LECITHODENDRIUM Looss, 1896b, 86 (includes: *Dist. glandulosum*, *D. hirsutum*, *D. chefrenianum*, *D. pyramidum*, *D. obtusum*, *D. sphaerula*, *D. ascidia* Rud., *D. ascidia* Ben. (= *lagena* Brand.), *D. ascidioides*, *D. heteroporum* (probably); 1898, 453; 1899b, 547, 548, 551, 609–610, type *ascidia* Ben. = *lagena* Brand., 611, 612, 613, 617, 618, 619, 621, 622, 625, 636, 718; 1901, 194, 199, 200; 1902m, 768–775, 813, 814, 815, 816, 818, 820, 821, 822, 823, 824, 827, 831, 832, 835.—Braun, 1900f, in 387–391; 1901, 948; 1902b, 150.—Jägers., 1900, 740.—Odh., 1900, 12.—Luehe, 1899, 535, 536, 537.—Pratt, 1902, 889, 904.—Staff., 1903, 827, 828; 1905, Apr. 11, 684.—Stiles, 1901, 183, 185, 196, 197, 200, 201, 202, 203.—Stoss., 1899, 7, 8.—Ward, 1901, 176.

*anticum* Staff., 1905, Apr. 11, 693 (t. h. *Vespertilio subtilis* Say; Canada) (*anticus*, foremost in ref. to ovary in front of acetabulum).

*ascidia* (Ben., 1873 [not Rud., 1819]) Looss, 1899b, 609, or Stoss., 1899, 8.—Braun, 1900, 224–225; 1900, 388.—Heymann, 1905, 85.—Kowal., 1902d, 26 (8).—Looss, 1907, Mar. 5, 484 (of Looss, 1899b, 715, syn. of *L. granulatum*).—Staff., 1905, Apr. 11, 692.

*ascidioides* (Ben., 1873) Looss, 1899b, 609, or Stoss., 1899, 8 (intestino di diversi chiotteri; Belgium, France).—Braun, 1900, 388.—Staff., 1903, 828.

*chefrenianum* (Looss, 1896) Looss, 1899b, 716, or Stoss., 1899, 8 (in *Rhinopoma microphyllum*; Egypt).—Braun, 1900, 225.—Staff., 1905, Apr. 11, 692 (syn. of *L. glandulosum*).

*chilostomum* (Mehlis, 1831) Braun, 1900, 220–223, 224, 225, 228, 230.—Staff., 1903, 828; 1905, Apr. 11, 692 (Mehlis of Staff. with *Dist. ascidioides* Ben., of Staff., 1903, 827, renamed *L. posticum*).—Stoss., 1904, 1.

*clariforme* (Brand., 1888) Stoss., 1899, 9 (in *Tringa alpina*; Halle).

*cordiforme* Braun, 1900f (23. Juli), 389 (in *Molossus* sp.; Brazil), 390, or 1900b, 225–227, 228, 233, pl. 10, figs. 4, 11 (in *Molossus* sp.).

*crassicollis* (Rud., 1809) Stoss., 1899, 9 (in *Anguis fragilis*; Triest, Hameln; Salamandra atra, S. maculosa, Salamandrina perspicillata; Toscana).—Looss, 1902m, 822, 823.—Luehe, 1900, 562–563; 1901, 173.

*glandulosum* (Looss, 1896) Looss, 1899b, 609, 716–717, or Stoss., 1899, 8 (in *Taphosus nudiventris*; Egypt).—Braun, 1900, 388; 1900, 225, 226.—Staff., 1905, Apr. 11, 692 (syn. *L. chefrenianum*).

*granulosum* Looss, 1907, Mar. 7, 483–484, fig. 4a–b (in *Vesperugo kuhli*; Cairo, Egypt) (syn. *L. ascidia* of Looss, 1899b, 715).

*heteroporum* (Duj., 1845a) Stoss., 1899, 9 (in *Vesperugo pipistrellus*; Hameln, Rennes).

*hirsutum* (Looss, 1896) Looss, 1899b, 609, 625, 716, 717, or Stoss., 1899, 9 (intestino del camaleonte; Alessandria).—Braun, 1900, 225; 1900, 388.—Staff., 1905, Apr. 11, 692.

*lagena* (Brand., 1888) Looss, 1899b, 609, 625, 636, 715–716, 718 (i. e., *ascidia* Ben.) (type of *Lecithodendrium*).—Braun, 1900, 225.

*macrolaimus* (Linst., 1893) Stoss., 1899, 9 (in *Vesperugo pipistrellus*; Germany).

## LECITHODENDRIUM—Continued.

- nigrovenosum* (Bellingham, 1844) Luehe, 1899, 535.—Rizzo, 1902, 28 (in *Tropidonotus natrix*).  
*obtusum* (Looss, 1896) Looss, 1899b, 609, or Stoss., 1899, 8 (intestino del camaleonte; Alessandria).—Staff., 1905, Apr. 11, 692.  
*oviforme* (Poir., 1886) Stoss., 1899, 8 (in *Nycticebus javanicus*).—Staff., 1905, Apr. 11, 692.  
*posticum* Staff., 1905, Apr. 11, 692–693 (t. h. *Vespertilio subtilis* Say; Canada) (*posticus*=hinder) (syn. *L. chilostomum* Mehlis of Staff., 1903, 827) (=Dist. *ascidioides* Ben. of Staff.).  
*pyramidum* (Looss, 1896) Looss, 1899b, 609, or Stoss., 1899, 8 (in *Rhinolophus hipposcrepis*; Egypt).—Braun, 1900, 225; 1900, 388.  
*rubellum* (Ols., 1868) Stoss., 1899, 9 (in *Labrus maculatus*).  
*somateria* (Levin., 1881) Stoss., 1899, 8 (in *Somateria mollissima*; Greenland).—Jameson, 1902, 151–161 (*Levcithodendrium*).—Nicoll, 1906, 149 (*Leucithodendrium*).—Odh., 1905, 311 (to *Gymnophallus*).  
*sphærule* (Looss, 1896) Looss, 1899b, 609, 610, 621, or Stoss., 1899, 8 (in *Rhinolophus hipposcrepis*; Egypt).—Braun, 1900, 225, 227; 1900, 388, 390.—Ward, 1901, 180.  
*urna* Looss, 1907, Mar. 5, 485–486, figs. 5a–b (in *Vesperugo kuhli*; Cairo, Egypt).  
**LECITHODENDRUM** Pratt, 1902, 903 (misprint for *Lecithodendrium*).  
**LECITHODESMUS** Braun, 1902, 803 (m. *goliath*).—Odh., 1905, 339, 344, 346, 347, 348.  
*goliath* (Ben., 1858) Odh., 1905, 342, 343, 344–346, 348, pl. 3, figs. 7–9, in *Balenoptera rostrata*, B. *borealis*.  
**LECITHOPHYLLUM** Odh., 1905, 359–360 (tod. *botryophorum*).  
*botryophorum* (Ols., 1868) Odh., 1905, 359 (in *Argentina silus*).  
**LECITHORCHIUM** Lander, 1904a, 7, for *Lecithochirium*.  
**LEIODERMA** Staff., 1904, May 3, 486 (m. *furcigerum*) (not *Leioderma* Will.-Suhm, 1873, worm) (*λεῖος*, smooth; *δέρμα*, skin); 1905, 310.  
*furcigerum* (Ols., 1868) Staff., 1904, 486 (in *Pseudopleuronectes americanus*, *Platysomathichthys hippoglossoides*, *Hippoglossoides platessoides*, *Cryptacanthodes maculatus*).  
**LEPIDAPEDON** Staff., 1904, May 3, 485 (m. *rachion*, from intest. of *Melanogrammus aeglefinus*; Canada) (*λεπίς*, scale; *δάπεδον*, pavement). See *Lepodora*.  
*rachion* (Cobbold, 1858) Staff., 1904, 485.  
**LEPIDOPHYLLINÆ** Stoss., 1904, 198.  
**LEPIDOPHYLLUM** Odh., 1902, 68–69 (m. *steenstrupi*).—Pratt, 1902, 889, 902.  
*steenstrupi* Odh., 1902, 68–69, fig. 3 (in *Anarrhichas minor* s. *pantherinus*; Coll. Copenhagen); 1905, 310 (in *A. lupus*, *Zoarces anguillaris*).—Staff., 1904, May 3, 487 (in urinary bladder, *Anarrhichas lupus* L.; Canada, *Zoarces anguillaris* Peck; Canada).  
**LEPOCREADIINÆ** Odh., 1905, 328, 337.  
**LEPOCREADIUM** Stoss., 1904, 200–201 (tod. *album*).—Odh., 1905, 328, 336, 337–338.  
*album* (Stoss., 1890) Stoss., 1904, 200 (in *Cantharus orbicularis*; *Oblata melanura*).—Odh., 1905, 336, 338.  
*pegorchis* (Stoss., 1901) Stoss., 1904, 200.—Odh., 1905, 338.  
**LEPODERMA** Looss, 1899b, Dec., 589–590, 592, 594, 595, 598, 599, 601 (tod. *ramlianum*) (orig. species: *ramlianum*, *cirratum*, *mentulum*, *lima* probably) (*ρὸ λεῖος*, scale; *ρὸ δέρμα*, skin); 1900, 558; 1900, 604, 607; 1907, Mar. 5, 483.—Braun, 1901i, 56, 58; 1901, 563; 1902b, 37 (syn. of *Plagiorchis* Luehe, 1899, 531).—Luehe, 1901, 487.—Stiles, 1901, 189.—Stoss., 1904, 2.  
*cirratum* (Rud., 1802 [*cirrhatum*]) Looss, 1899b, 590.—Braun, 1902b, 43 (to *Plagiorchis*).  
*mentulatum* (Rud., 1819) Looss, 1899b, 590.  
*ramlianum* (Looss, 1896) Looss, 1899b, 589.  
**LEPODERMATINÆ** Looss, 1899b, 588, 591, 594; 1901b, 207; 1902m, 839, 841.—Luehe, 1900, 561; 1901, 173.—Odh., 1902, 40.

- LEPODORA** Odhn., 1905, 332-337, 338 (m. *rachizæ*=*rachion* Cobbold).—See *Lepidapedon*.  
*rachizæ* Odhn., 1905, 328, 332-338, fig. 3, pl. 2, figs. 12-15 (syns.: *Dist. rachion* Cobbold, *D. increscens* Ols., pars) (in *Gymnocanthus ventralis* on west coast of Spitzbergen; *Gadus aeglefinus*, *G. morrhua*, on west coast of Sweden; *Merluccius vulgaris*).—Nicoll, 1907, 71, 77-80, pl. 1, figs. 3-4 (in *Gadus aeglefinus*).
- LEPTALEA** Looss, 1899b, 627-628 (tod. *exilis*) (not *Leptalea* Klug, 1839, hymenopt.) (renamed *Emoleptalea* Looss, 1900, 602) (*λεπταλᾶος*, thin, weak); 1900, 602.—Braun, 1902b, 69.—Stiles, 1901, 189.  
*exilis* Looss, 1899b, 628, 719-720, figs. 37-38 (in *Bagrus bayad*; Cairo.)
- LEPTOCOTYLE** Mont., 1905, 70 (subg. of *Pseudocotyle*) tod. *Pseudocotyle minor* Mont.
- LEPTOPHYLLUM** Cohn, 1902h, 880 (m. *stenocotyle*).  
*stenocotyle* Cohn, 1902h, 880-882, fig. 4 (in *Herpetodryas fuscus*; South America); 1903, 37.
- LEPTOSOMA** Staff., 1904, May 3, 484 (m. *obscurum* from *Lophius piscatorius*; Canada); *λεπτός*=slender; *σῶμα*, body) (not *Leptosoma* Leach, 1819, coleopteron; Risso, 1826, crustacean; Nardo, 1827, fish; Boisd., 1833, lepidopteron).  
*obscurum* Staff., 1904, May 3, 484 (*obscurus*=unknown) (t. h. *Lophius piscatorius*; Canada).
- LEUCERUTHRUS** Marshall & Gilbert, 1905, 477, 481-483, 484 (m. *micropteri*).  
*micropteri* Marshall & Gilbert, 1905, 481-483, figs. 8-14 (in *Micropterus salmoides*, *M. dolomieu*; near Madison, Wis.).
- LEUCITHODENDRIUM** Shipley & Hornell (see under *L. somateriæ*), 1904, 77, for *Lecithodendrium*.  
*somateriæ* (Levin., 1881) Shipley & Hornell, 1904, 77.
- LEUCOCHLORIDIA** Cobbold, 1876h, 211, plural of *Leucochloridium*.
- LEUCOCHLORIDIUM** Carus, 1835a, 86-100 (m. *paradoxum*).—Ben., 1858a, 1861a, 219.—Braun, 1883a, 56; 1891c, 215; 1892a, 769, 771, 775, 801, 814; 1893a, 855, 884.—Burm., 1856a, 250.—(rep., 1839, 301.—Dies., 1850a, 287, 303 (syn. *Vermis dubius heliciis putris* Rud.); 1855a, 397; 1858d, 276.—Duj., 1845a, 479.—Fil., 1855b, 25.—Goldb., 1855, 16.—Jackson, 1888, 651 (= *Dist. macrostomum*; in *Succinea amphibia*). 652.—Leuck., 1879, 99; 1886d, 75.—Looss, 1892, 128; 1894a, 245, 252.—Mont., 1888, 92, 94.—Moul., 1856a, 65, 87.—Pag., 1857, 6, 7, 9, 53.—Spengel, 1905, 258.—Stiles, 1901, 176.—Stiles & Hass., 1898a, 91, 95 (syn. of *Urogonimus* Mont.).—Tennent, 1906, 647, 650.—Vogt, 1878, 39.—Zeller, (1874), 564-578, pl. 48.  
1893: *Urogonimus*.  
*macrostomum* (Rud., 1803) Poche, 1907, 125.  
*paradoxum* Carus, (1833a); 1835a, 86-100c (in *Succinea amphibia*, *Helix putris*; Saxony), pl. 7, figs. 1 —; —, 36.—[Ahrens, 1810, 292, pl. 9, figs. 12-19; 1818, 1467].—Bavay, 1902a, 200.—Braun, 1891c, 219; 1892a, 769, 772, 773, 806, 808; 1893a, 830, 855, 863; 1895b, 134.—Cobbold, 1879b, 436.—Crep., 1837, 325; —, 302.—Creutzberg, 1890a, 11.—Dies., 1850a, 303 (syn. *Vermis dubius heliciis putris* Rud.); 1855a, 397 (in *Succ. amph.*); 1858d, 276-277 (syn. *Cerc. exfoliata* Moul.) (in *Succ. amph.*).—Duj., 1845a, 479.—Erc., 1881e, 55; 1882a, 291.—Gamb., 1896a, 65.—Heckert, 1887a, 456-461; 1887b, 603; 1888a, 49-50; 1889a, 66 pp., 4 pls.; 1889b, 357-362; 1890a, 42-43; 1891a, 189.—Hoyle, 1890, 540 (larva of *Dist. macrostomum*). fig. 4 C-D.—Leuck., 1863a, 521; 1879a, 95; 1886d, 72.—Looss, 1892, 120; 1894a, 236, 262; 1896, 140.—Mont., 1888, 76; 1892, Oct. 7, 187.—Moul., 1856a, 56, 65, 75, 87-90, 180 (*Cerc. exfoliata*), 181, pl. 5, bis, fig. 8; pl. 6, figs. 13, 14 (in *Succ. amph.*; *Helix, Limax*).—Nord., 1840, 548, 592, 631.—Piper, 1851, 313.—Poche, 1907, 125.—Rud., 1819a, 198, 568.—Schultze, (1871), 129.—Sieb., 1835, 77; 1835, 334; 1836, 49; 1853, 425-437, pl. 16 B; 1854, 14.—Steenstrup, 1842, 56; 1842, 103.—Stiles & Hass., 1898a, 95.—Tschudi, 1837, 75.—Vogt, 1852, 183, 191, fig. 66.—Wagener, 1857, 22, 23, pl. 33, figs. 1, 2-4.—Will.-Suhm, 1870, 4.—Zeller, 1874, 366-370; 1874, 20, Oct., 564-578, pl. 48; 1875, Feb., 162-164.  
*vogtianum* Baudon, 1881, 145-147, pl. 5, fig. 5 (in *Succinea baudoni* Drouët).
- LEUKOCHLORIDIUM** Sieb., 1853, 425, for *Leucochloridium*.
- LEVCITHODENDRIUM** Jameson, 1902, 151, misprint for *Lecithodendrium*.  
*somateriæ* (Levin., 1881) Jameson, 1902, 151-161, pls. 15-16.—Odhn., 1905, 311 (to *Gymnophallus*).

- LEVINSENIA Stoss., 1899, 7, 9-10 (tld. brachysomum by Looss, 1899b, 622, and Luehe, 1899, 538) (not Levinnesia Mesnil, 1897, vermes).—Braun, 1900h, 6; 1900, 234.—Jägers., 1901, 982.—Looss, 1899b, 617, 620; 1902m, 703, 704, 705, 706.—Luehe, 1899, 538; 1900, 508; 1901, 488.—Odh., 1900, 13; 1905, 314, 317.—Stiles & Hass., 1902d, 19-20 (renamed Levinсениella, type brachysoma); 1905, July, 54.—Ward, 1901, May, 175, 176 (Levinсениella Stiles), 181.
- brachysomum* (Crep., 1846) Stoss., 1899, 10.—Jägers., 1900, 736, 739 (brachysoma); 1901, 982.—Looss, 1899b, 620; 1902m, 704.—Ward, 1901, 175.
- macrophallos* (Linst., 1875) Stoss., 1899, 10 (in *Actites hypoleucos*, *Totanus fuscus*; Germany).—Looss, 1899b, 620.—Ward, 1901, 175.
- opacum* (Ward, 1894) Stoss., 1899, 9 (in *Amia calva*, *Cambarus propinquus*; Lake St. Clair: *Ictalurus punctatus*, *Perca flavescens*).—Looss, 1899b, 620.—Ward, 1901, 175 (type of *Microphallus*).
- pygmæum* (Levin., 1881) Stoss., 1899, 9, 10 (in *Somateria mollissima*; Greenland).—Jägers., 1900c, 732-740, figs. 1-3 (pygmæa); 1901b, 982 (type of *Spelotrema*).—Looss, 1899b, 620; 1902m, 705, 706, 784.—Nicoll, 1906, 522, 524 (pygmæa).—Odh., 1900, 19, 20; 1905, 314 (to *Spelotrema*).—Ward, 1901, 175, 176.
- pygmæa similis* Jägers., 1900c, 737, figs. 1-3.—Luehe, 1900, 508.—Nicoll, 1906, 522.
- similis* (Jägers., 1900) Nicoll, 1906, 514, 519, 522-525, pl. 13, fig. 8 (syn. *Spelotrema simile* Jägers.) (in *Hæmatopus ostralegus*, *Larus argentatus*).
- LEVINSENIELLA Stiles & Hass., in Ward, 1901, May, 176, 181, 182, 183, 184 (tod. *D. brachysomum*) (Levinnesia Stoss., 1899, not Mesnil, 1897, renamed); Stiles & Hass., 1902d, 19-20; 1905c, 54.—Jägers., 1901, 982; 1903a, 14, 15.—Looss, 1902m, 703, 704, 705, 706, 828, 830, 839.—Odh., 1905, 314, 317, 318.—Pratt, 1902, 889, 902, 903.—Staff., 1905, Apr. 11, 684.
- brachysoma* (Crep., 1846) Stiles & Hass., 1902d, 20 (type).—Looss, 1902m, 705, 830, 831.
- pygmæa* (Levin., 1881) Staff., 1903, 824.—Type of *Spelotrema* 1901.
- LINGUATULA Frølich, 1789a, 148 (m. serrata) [an arachnoid, formerly placed among the trematodes].
- cavia* (Bosc, 1811) Blainv., 1828a, 532.
- crotali* (Humboldt, 1808) Blainv., 1828a, 532.
- denticulata* Rud., 1805.—Dies., 1850a, 616 (to *Pentast.*).
- integerrima* Frølich, 1791a, 104-105, host unknown.—Dies., 1850a, 412 (to *Polyst.*).—Rud., —, 93, pl. 2, figs. 9a-f.—Type of *Polyst.*
- lanceolata* (Chabert, 1787a) Blainv., 1828a, 532.—Dies., 1850a, 610 (syn. of *Pentast. tænioides* Rud.).
- pinguicola* (Treutler, 1793) Nordmann, 1840, 594.—Dies., 1850a, 410 (to *Hexathyridium*).
- serrata* Frølich, 1789a, 148-150, pl. 4, figs. 14-15 (in hares).—Braun, 1903, 3. ed., 338 (larva of *L. rhinaria*).—Dies., 1850a, 616 (to *Pentast.*).
- renarum* (Treutler, 1793) Nordmann, 1840, 594.—Dies., 1850a, 410 (to *Hexathyridium*).
- LINGULA L. —.—Rafinesque, 1815, 151 (genus of *Fasciolaria*).
- LINTONIA Mont., 1904, Dec. 1, 117-124 (tod. *papillosa*); 1905, 70; 1905, 117.
- papillosa* (Linst., 1898) Mont., 1904, 118-122, 123, pl. 7, figs. 1-7; 1905, 116-123, pl. 7, figs. 1-7 (in *Gadus callarias*).
- LIOCERCA Looss, 1902m, 732 (type *bonnieri*), 839 (*Liopyge*, renamed).
- 1899: *Liopyge* Looss, 1899b, 642 (tod. *bonnieri*), not *Liopyge* Lewis, 1891, insect.
- bonnieri* (Mont., 1893) [Looss, 1902m, 732].
- LILOPE Cohn, 1902h, 877 (m. copulans).
- copulans* Cohn, 1902h, 877-880, figs. 1-3 (in *Cryptobranchus japonicus*; died in Europe); 1903, 39, 40, 41, fig. 4a-c.—Linst., 1904, 254.
- LIOPYGE Looss, 1899b, 642 (not *Liopyge* Lewis, 1891, 385, insect) (tod. *bonnieri*); *λελος*=smooth, *η πύργη*=das Hintere; 1900, 604 (renamed *Liocerca* Looss, 1902m, 732, 839).—Luehe, 1901, 481, 485.—Pratt, 1902, 889, 901, 905.—Stiles, 1901, 189.
- bonnieri* (Mont., 1893) Looss, 1899b, 642; 1902m, 732.—Luehe, 1901, 481.

- LOBORCHIS** Luehe, in Stoss., 1902, 578-582 (tld. by Luehe *mutabilis*), subf. Allocradiinae.
- fasciatum* (Rud., 1819) Stoss., 1902, 582.
- gobii* (Stoss., 1883) Stoss., 1902, 582.
- labri* (Stoss., 1886) Stoss., 1902, 582.
- mutabilis* Stoss., 1902, 579-582, 1 fig. (in *Anguilla vulgaris*; Triest); 1903, 373.
- LOBOSTOME** Blainv., 1824a, 518 (type *Dist. laureatum* Rud.) ("Ce sont les *fascioles* cylindriques dont la lèvre de la ventouse antérieure est lobée, comme le *dist. laureatum* de Rudolphi"). Only the French form of the name was used. See *Crossodera*.
- LOPHOCERCARIA** Dies., 1858d, 243 (m. *fissicauda*).
- fissicauda* Dies., 1858d, 243 (syn. *Cerc. cristata* Valette) (in *Lymnaeus stagnalis*; L. *palustris*, *Valvata piscinalis*, *Paludina impura*, *Planorbis submarginatus*; Berlin & Turin).—Linst., 1878a, 324.
- LOPHOCOTYLE** Braun, 1896b, 3, 7 (m. *cyclophora*), *Monocotylidae*.—Mont., 1903, 336 (*Anisocotylinae* subf.); 1905, 68-70.—Pratt, 1900, 646, 649, 650 (on skin of marine fishes), 655, fig. 19.—St.-Remy, 1898, 523, 540, 543.
- cyclophora* Braun, 1896b, 3, 7, figs. 1-3 (in *Notothenia* sp.; Navarin, Puerto Toro).—Pratt, 1900, 655, 657, fig. 19.—St.-Remy, 1898, 543-544, fig. 4.
- LOPHOTASPIS** Looss, 19011, 7 Nov., 624-625 (m. L. *adhærens* Looss = *Aspidogaster vallei* (Stoss., 1899)); 1902m, 415, 418-430.—Pratt, 1902, 887, 892.
- adhærens* Looss, 19011, 624-625 (in *Thalassochelys corticata*; Egypt); 1902m, 415, 418 (syn. of L. *vallei*).
- vallei* (Stoss., 1899) Looss, 1902m, 415, 418-430, 442, 471, 791 (amphitypie) 868, pl. 21, figs. 1-9.—Odhn., 1902, 44.
- LORIFORMIS** Gœze, 1782a, 41 (= *Fasc. intestinalis* Linn., *Fasc. abdominalis* Gœze, *Ligula*), a "Gattung" of *Fasciola* Gœze.
- LOXOGENES** Staff., 1905, Apr. 11, 683 (m. *arcanum*); *λοξός*, bent sideways, oblique; *γενάω*, to produce).
- arcanum* (Nickerson, 1900) Staff., 1905, Apr. 11, 683 (in *Rana catesbiana* Shaw; Canada) (syns.: *Dist. medians* Olss. of Staff., 1900, 412; *Dist. arcanum* Nickerson, 1900, 811; *Pleurogenes arcanum* of Pratt, 1902, 959; *Brandesia medians* of Pratt, 1902, 959), 685.
- LOXOSOMA** Kieferstein, 1862a, 131-132 (m. *singulare*).—Ben., 1869a, 22 (syn. *Cyclatella*), a bryozoon, see also Braun, 1890a, 518.—Mont., 1888a, 88.—Tasch., 1879, 56.
- annelidicola* (Ben. & Hesse, 1863) Prouho, 1891, 91-116, pl. 5, figs. 1-16 (in *Clyménien de Saint-Vaast*, la Hogue).—Sons., 1895, 119.
- singulare* Kieferstein, 1862a, 131-132, pl. 11, fig. 29 (*λοξός*, oblique; *σῶμα*, body) (*Capitella rubicunda*; St.-Vaast).
- LYPEROSOMUM** Looss, 1899b, 635 (for *porrectum*, *plesioctomum*, *longicauda*, *clathratum*); *λύπερος*, thin; tld. *longicauda*; 1902m, 770; 1907, Feb. 1, 125.—Braun, 1901h, 702; 1901, 946; 1902b, 97, 106 (type *longicauda*), 119.—Odhn., 1902, 38.—Pratt, 1902, 889, 904.—Stiles, 1901, 190, 191.
- corrigia* Braun, 1901, 946 (in *Tetrao tetrax*); 1902b, 111, fig. 68.
- lobatum* (Rail., 1900) Braun, 1902b, 110, fig. 67.
- longicauda* (Rud., 1809) Braun, 1902b, 106, 111, fig. 65 (includes: *Dist. longicauda* Rud., 1809, 372; *D. macrourum* Rud., 1819a, 98; Linst., 1883, 309; 1886c; Dies., 1850a, 345; *D. (Dicrocœlium) macrourum* p. p. Stoss., 1892, 13; *D. longicauda* Mueh., 1896, 248, figs. 2, 9; *Dicrocœlium longicauda* Rail., 1900, 239).
- rudectum* Braun, 1901g, 946 (in *Ibis cœrulescens* Vieill.; Brazil); 1902b, 112, 113, fig. 69.
- salebrosus* Braun, 1901g, 946 (in *Cypselus melba* Ill.; Coll. Vien.); 1902b, 113, fig. 70.
- squamatum* Linst., 1906, 174, pl. 1, fig. 18 (in *Dissura episcopus*; Palatupana).
- MACRASPIDIS** Olss., 1868 or 1869, 2-3 (m. *elegans*) [nec McL., ante 1835, *coleopteron*].—Braun, 1893a, 879, 886, 887, 888, 890, 891, 894, 896, 898, 917, 918; 1893b, 188.—Gamb., 1896a, 73.—Looss, 1902m, 428.—Mont., 1888a, 84, 91; 1892, Oct. 7, 196, 198, 213 (gen. of *Aspidobothridæ*).—Nickerson, 1902, 602, 604, 606, 607, 612, 614, 615, 616, 617.—Odhn., 1902, 42, 43.—Pratt, 1902, 887, 891.—Tasch., 1879, 255.
- [*calcarata* Spinola, 1835, 130-132, insect.]

## MACRASPIDIS—Continued.

*elegans* Oles., 1868, 2-3 (in *Chimæra monstrosa*; Skagerrack).—Braun, 1893a, 875, 898; 1893d, 467 (in Ch. mon.).—Jagers., 1899b, 197-214, figs. 1-9 (anatomy).—Looss, 1902m, 420.—Mont., 1892, Oct. 7, 196; 1893a, 37.—Nickerson, 1902, 614, 618 (in Ch. mon.; Europe).—Tasch., 1879, 255.

MACROCERCUS Hill, 1752a, 8.—Mueller, 1773, 64.—Nitzsch, 1827, 68 (contains *Cerc. gyrinus*, *C. gibba*).

MACRODERA Looss, 1899b, 604 (tod. *naja*) (not *Macroderes* Westwood, ante 1882, coleopteron) (renamed *Saphedera* Looss, 1902, 732); *μακρός*, long; *ἡ δέση*, neck; 1900, 605; 1902m, 732, 839 (syn. of *Saphedera*).—Luehe, 1900, 557, 561.—Odh., 1902, 41.—Pratt, 1902, 888, 900.

*naja* (Rud., 1819) Looss, 1899b, 604; 1901, 658; 1902m, 732.—Luehe, 1900, 556.—Rizzo, 1902, 28 (in *Tropidonotus natrix*; Catania).

MACRUROCHÆTA Costa, (1864), 86-91 (? m. *acalepharum*).—Braun, 1889a, 364.—Par., 1894, 244.

*acalepharum* Costa, (1864), 86-91 (larva in *Acalephen*).—Mont., 1888, 77.—Par., 1894, 165 (syn. of *Cerc. setifera* Muel.) (in *Beroë* sp.; Naples), 481.

MALACOBDELLARI Mont., 1888, 94.

MALACOBOTHRIA Braun, 1893b, 188 (for *Malacobothrii*).

MALACOBOTHRII Burm., 1837, 529; 1856a, 243, 250.—Braun, 1890a, 515; 1893b, 188 (*Malacobothria*).—Mont., 1888a, 83.—Tasch., 1879, 233.

MALACOCOTYLEA Mont., 1892, Oct. 7, 213 (subo. of *Trematoda*); 1896, 162.—Braun, 1893a, 890, 891, 892, 895, 898 (*Malacotylea*), 917; 1893b, 188; 1895b, 136.—Gamb., 1896a, 73.—Looss, 1899b, 543.—Luehe, 1901, 488.—MacCallum, 1902, 636.—Maclaren, 1904, 579, 583, 599.—Mueh., 1898, 18.—Pratt, 1900, 645, 646, 647; 1902, 887, 891, 892 (includes: *Paramphistomidae*, *Fasciolidae*, *Schistosomidae*, *Holostomidae*, *Gasterostomidae*, *Didymozoonidae*, *Monostomidae*).—Stiles, 1898a, 27.—Ward, 1903, 864.

MALACOTYLEA Braun, 1893a, 898, for *Malacocotylea*.

MALAKOKOTYLEA Schneidemuhl, 1896, 295, for *Malacocotylea*.

MALLEOLUS Ehrenberg, 1838a, 465 (m. *furcatus*).—Burm., 1856a, 250.—Dies., 1850a, 286, 294-295 (syns.: *Vibrio* Mueller, *Cerc. Nitzsch*, *Histriionella* Bory) (mentions only *M. furcatus*); 1855a, 379, 395; 1858d, 270, 274.—Fil., 1854a, 6; 1857c, 22.—Goldb., 1855, 16.—Moul., 1856a, 121, 123-124.—Pag., 1857, 4, 5.

*furcatus* (Nitzsch, 1817) Ehrenberg, 1838a, 465.—Dies., 1850a, 294-295 (syns.: *Vibrio malleus* Mueller, *Zirkelthier* Eichorn, *Histriionella fissa* Bory, *Cerc. furcata* Nitzsch, *Cerc. 6* Baer); 1855a, 395; 1858d, 274 (syns. *Cerc. furcata* La Valette) (in *Lymnaeus stagnalis* at Halle, *Paludina vivipara* at Berlin).—Moul., 1856a, 168 (to *Cerc.*).—Pag., 1857, 6.

MANODISTOMUM Staff., 1905, Apr. 11, 682-683 (m. *occultum*), *μανός* = rare.

*occultum* Staff., 1905, Apr. 11, 682-683 (in *Diemyctylus viridescens* Raf., *Rana virescens*; Canada) (= *Dist. sp.* Staff., 1902, 482); *occultus*=obscure.

MARMOSTOMUM Looss, 1900, 605 (misprint for *Harmost.* Braun).

MAZOCRAES Hermann, 1782a, 182 (m. *alosse*).—Braun, 1890a, 518.—Cerf., 1896, 516.—Dies., 1850a, 421, 422.—Mayer, 1841a, 19.—Tasch., 1879, 239.—See *Octostoma*, *Octobothrium*.

1827: *Octobothrium* Leuck., 1827 or 28, 18 (*lanceolata* = *alosse*, type by inclusion), not *Octobothrium* Dies., 1850a, cestode.

1829: *Octostoma* Kuhn, 1829, 358-363 (*alosse*, type by inclusion).

1850: *Octocotyle* Dies., 1850a, 289, 421-422 (*lanceolata* = *alosse*, type by inclusion).

1858: *Octoplectanum* Dies., 1858e, 382 (*Octocotyle* 1850 renamed hence *alosse* type).

1894: *Octocotyle* Par., 1894, 594, misprint.

*alosse* Hermann, 1782a, 182, pl. 4, figs. 13-14 (in *Clupea alosa*).—Ben., 1858a, 1861a, 46 (syn. of *Octobothrium lanceolatum*).—Nord., 1832a, 76 (syn. of *Oct. lanc.* Leuck., 1828).—St.-Remy, 1898, 545.—Tasch., 1879, 241, 244 (syn. of *Oct. lanc.*).

MEGACETES Looss, 1899b, 630-631 (tod. *triangularis*) (not *Megacetes* Thomas, 1859, coleopteron) (*μεγακτήρης*=grosßschlundig); 1900, Dec. 3, 602 (renamed *Eumegacetes*).—Braun, 1902b, 53, 92 (syn. of *Eumeg.*).—Odh., 1902, 38.—Stiles, 1901, 189.

## MEGACETES—Continued.

*triangularis* (Dies., 1850) Loos, 1899b, 596, 631, 725–727, figs. 44–46; 1902m, 819 (=Eumegacetes emendatus Braun, 1901).—Braun, 1901, 568; 1902b, 51, 54, 93, 97 (syn. of Eumeg. em.).—Luehe, 1900, 565.

MEGADISTOMUM Staff., 1904, May 3, 488 (m. longum) (μέγας = great), 489.

*longum* (Leidy, 1851) Staff., 1904, May 3, 488 (in Eoos masquinongy Mit.; Canada).

MELANOGLENA Eichwald.—Dies., 1850a, 650.

*bipunctata* Eichwald, —, 78, pl. 4, fig. 3.—Dies., 1850a, 650 (in aqua salsa, Revaliae).

MERISTOCOTYLE Rossbach, 1906, 374 (for Merizocotyle).

MERIZOCOTYLE Cerf., 1894k, 936–948 (m. diaphanum) (μερίζω = je partage) Tristomidae; 1894, 571–572; 1895, 697; 1895m, 130; 1896, 539, 540; 1898b, 329–366, pls. 13–14; 1899a, 448.—Brand., 1898a, 215 (23).—Mont., 1899, 98, 103; 1903, 336 (Anisocotylinae subf.); 1905, 67, 68, 70.—Pratt, 1900, 646, 650.—Rossbach, 1906, 374 (Meristocotyle).—St.-Remy, 1898, 523, 540, 541–542.

1906: Meristocotyle Rossbach, 1906, 374, misprint.

*diaphanum* Cerf., 1894k, 936–948, figs. 1–6 (in Raja batis); 1894g, 949–954; 1895m, 129; 1895, 698–699; 1896, 539; 1898b, 329, 330–357, 358, 359, 360, 363, pl. 13, figs. 1, 3, 5, 8–11, pl. 14, figs. 1, 9 (in Raja batis).—Braun, 1896a, 1346.—Mont., 1899, 103.—Pratt, 1900, 655, 657, fig. 17.—St. Remy, 1898, 542, fig. 3.

*minus* Cerf., 1898b, 330, 357, 361, 363, pl. 13, figs. 2, 4, 6, 7 (in Raja sp.; Roscoff).—St.-Remy, 1898, 543.

MESAULUS Braun, 1902b, 23, 26 (m. grandis).

*grandis* (Rud., 1819) Braun, 1902b, 24, figs. 16–19 (syns.: Dist. grande Rud., 1819a, 676; Duj., 1845a, 446; Braun, 1901g, 564; Dies., 1850a, 346; Stoss., 1892, 2; D. convolutum (Brand.)).

MESOCOTYLE Par. & Perugia, 1889, Sept., 76–80 (m. squillarum), belongs between Dactylocotyle and Choricotyle.—Braun, 1890a, 546.—Cerf., 1895h, 920; 1896, 515.

*squillarum* Par. & Perugia, 1889, 76–80, 1 pl., figs. 1a–3a (in Bopyrus squillarum; Triest.).—Braun, 1890a, 549; 1891d, 421.—Cerf., 1898a, 302 (in Bop. sq.).—Stoss., 1898, 12.

MESOGONIMUS Mont., 1888, 15, 92, 105 (tod. Dist. reticulatum Loos, 1885; not Wright, 1879); 1892, Oct. 7, 214 (g. of Distominae); 1893a, 82, 155–157, 177.—R. Bl., 1891, 609, 610; 1895, 730.—Braun, 1892a, 696, 735; 1893a, 885, 886, 890, 892, 909, 911; 1895b, 138; 1899g, 485; 1900, 25, 31; 1900h, 2, 3, 4, 5; 1902b, 68, 129.—Loos, 1894a, 171, 173, 174; 1896b, 59; 1899b, 536, 538, 539, 542, 585, 649, 650.—Luehe, 1899, 538, 539, 540; 1900, 557.—Moniez, 1896, 89.—Odhm., 1902, 42.—Stiles & Hass., 1898a, 86, 91 (type D. reticulatum Loos).—Stoss., 1892, 4, 5, 31; 1898, 24.

*equalis* (Duj., 1845) Stoss., 1892, 174 (in Strix perlata, S. flammea; Rennes).—Mont., 1893, 156.

*commutatus* (Dies., 1858) Sons., 1889, 283; 1891, 201–202 (in Gallus dom., Melcagris gallopavo).—Hass., 1896a, 3 (syns.: Dist. dimorphum Wag., D. commutatum Dies., D. columbe Mazzanti, Mesogonimus dimorphus (Wag.) (in Gallus dom.).—Loos, 1894a, 174.—Mont., 1893, 156.—Rail., 1893a, 371 (=M. dimorphus (Wag.) Rail.).—Stoss., 1892, 175 (in Gallus dom., Pisa, Nizza; Meleagris gallopavo, Pisa).

*compactus* (Cobbold, 1859) Stoss., 1892, 31, 36 (in Mungos fasciatus).—Mont., 1893, 156.

*constrictus* (Leared, 1862) Mont., 1896, 32 pp., figs. 1–22; 1896, 141–172, pl. 7–8 (in Thalassochelys caretta).—Mingazzini, 1900, 156.—Mont., 1896, 141 pp., pls. 7–8 (in Th. car.).—Type of Hapalotrema, 1899.—See mistroides.

*dictyotus* Mont., 1893, 156, reticulatum Loos, renamed.

*dimorphus* (Wagener, 1852) Rail., 1890, 143; 1893a, 371.—Galli-Valerio, 1901c, 364 (in poule).—Hass., 1896a, 3 (syn. of M. commutatus (Dies.)).—Mont., 1893, 83, 156.

*heteroclitus* (Mol., 1858) Stoss., 1892, 174–175; 1892, 31–32.—Mont., 1893, 156.

*heterophyes* (Sieb., 1853) Rail., 1890, 143; 1890, 138.—Braun, 1893, 370.—R. Bl., 1895, 737–739; 1900, 488.—Braun, 1903, 3 ed., 164 (to Cotylogonimus).—Manson, 1903, 3 ed., 664–665.—Mont., 1893, 89, 156.—Stoss., 1892, 31–32 (in Homo; Cairo).—Ward, 1895, 328 (in Homo); 1903, 870 (to Heterophyes).

## MESOGONIMUS—Continued.

*linguæforme* (Dies., 1850) Stoss., 1896, 127–128 (includes *Dist. leptosomum* Olss., *D. caudatum* Linst.); 1898, 24 (in *Erinaceus europæus*; Trieste).

*lorum* (Duj., 1845) Mont., 1893, 156.

*marginatus* (Rud., 1819) Stoss., 1892, 175 (in *Ardea* sp.; Brazil).—Mont., 1893, 156.

*pellucidus* (Linst., 1873) Neumann, 1892, 374.—Dolley, 1894a.

*pulmonale* (Baelz, 1878) Stoss., 1892, 32–33 [type of *Paragonimus* Braun, 1899] (syns.: *Dist. pulmonale*, *D. westermanni*, *D. ringeri*) (in *Homo*; China, Japan, Korea, Formosa).

*pulmonalis* (Baelz, 1883) Rail., 1890, 143.—Looss, 1894a, 174.—Mont., 1893, 83, 89, 156.

[*reticulatus* (Looss, 1885).]

*ringeri* (Cobbold, 1880) Rail., 1890, 143 [=westermanni].

*westermanni* (Kerbert, 1878) Rail., 1890, 143; 1893, 369–370.—R. Bl., 1895, 739–740; 1895, 34–39; 1900, 488.—Braun, 1903, 3 ed., 155 (westermanni) (to *Paragonimus*).—Mont., 1896, 168.—Vincent, 1890, 189.—Ward, 1895, 244, 328 (in *Homo*), 341 (in *Canis familiaris*); 1903, 867 (westermanni; to *Parag.*)

**MESOMETRA** Luehe, 1901d, 57–60 (tod. orbicularis), Monostomidæ.—Looss, 1902m, 442, 780, 813, 824, 838.—Pratt, 1902a, 890, 910.

*brachycalia* Luehe, 1901d, 51, 55–57, 59, 60, figs. 4–5 (Monost. orbiculare of Par., e. p.) (in *Box salpa*; Genoa).—Looss, 1902m, 819.

*orbicularis* (Rud., 1819) Luehe, 1901d, 51–55, 56, 57, 59, 60, figs. 1–3.—Looss, 1902m, 819.

**MESOTRETES** Braun, 1900a, 229–230 (m. peregrinus).—Pratt, 1902, 889.

*peregrinus* (Braun, 1900) Braun, 1900, 229–230, pl. 10, fig. 3.

**METASTATICA** Leuck., 1889.—Braun, 1893g, 895, 900; 1893b, 188.—Gamb., 1896, 73.—Looss, 1899b, 543.—Ward, 1902a, 865.

**METORCHIS** Looss, 1899b, 564–566 (includes: *albidus* (tod.), *truncatus*, *complexus*, *conjunctus*, *crassiusculus*, *amphileucus*, *campula*) (*μετὰ*, behind; *ὄρχις*, testicle); 1902m, 811.—Braun, 1902b, 5, 7, 9, 11.—Luehe, 1901, 474.—Pratt, 1902, 888, 896.—Rail., 1900, 242.

*albidus* (Braun, 1893) Looss, 1899b, 565.—Engler, 1904, 186.—Hollack, 1902a, 868.—Luehe, 1901, 171.—Stoss., 1904, 11.

*amphileucus* (Looss, 1896) Looss, 1899b, 565 (amphielucus); 1902m, 811.—Odh., 1902, 152.—Stoss., 1904, 11.

*campula* (Cobbold, 1876) Looss, 1899b, 565.

*cæruleus* Braun, 1902b, 11, fig. 8 (in *Cairina moschata*; Brazil).—Stoss., 1904, 11.

*compascua* (Kowal., 1898) Kowal., 1902d, (5) 23 (in *Anas querquedula*; Dublany); 1904a, (8) 23.

*complexus* (Stiles & Hass., 1894) Looss, 1899b, 565.—Hollack, 1902a, 868.—Stoss., 1904, 11.

*conjunctus* (Cobbold, 1860) Looss, 1899b, 565.—Stoss., 1904, 11.

*crassiusculus* (Rud., 1809) Looss, 1899b, 565.—Braun, 1902b, 10.—Engler, 1904, 186.—Hollack, 1902a, 868.—Kowal., 1902d, 23 (5) (corrected to *M. xanthosomus* (Crep.) Braun, 1902) (in *Anas boschas domestica*).—Luehe, 1901, 171.—Stoss., 1904, 11.

*poturzyensis* (Kowal., 1898) Hollack, 1902a, 868.

*tener* Kowal., 1903, 517, fig. 1 (in *Mergus merganser*); 1904d, 19 (4) (in *M. merg.*).—Stoss., 1904, 11.

*truncatus* (Rud., 1819) Looss, 1899b, 565.—Braun, 1903, 3 ed., 160, fig. 108.—Engler, 1904, 186.—Hollack, 1902a, 868.—Odh., 1905, 339.—Stoss., 1904, 11.—Ward, 1903, 864; 1903, 704.

*xanthosomus* (Crep., 1846) Braun, 1902b, 7, 10, figs. 4–7.—Kowal., 1903, 517; 1904d, 23 (8).—Stoss., 1904, 11.

**MICROBOTHRIUM** Olss., 1869, 3–5 (only positive, hence type species *apiculatum*), Tristomidæ.—Braun, 1890a, 516, 518.—(C'ert., 1898b, 362.—Looss, 1894, 9.—Mont., 1888a, 84, 88; 1891, 127, 128; 1903, 336 (*Pseudocotyle*); 1905, 70.—Pratt, 1900, 649, 655, fig. 16.—St.-Remy, 1891, 213–223 (genital organs).—Tasch., 1879, 236 (syn. of *Pseudocotyle*); 1879, 49.



## MICROBOTHRIUM—Continued.

*apiculatum* Olss., 1869, 4, fig. 13 (in *Acanthias vulgaris*; Skagerrack).—Braun, 1891d, 422; 1893b, 176, 178.—(Cerf., 1898b, 341, 342.—Looss, 1894, 9.—Mont., 1888a, 88; 1891, 127.—Pratt, 1900, 655, 657, fig. 16.—St.-Remy, 1891, 213–223, 1 fig. (in *Ac. vulg.*).—Tasch., 1879, 49.

*fragile* Olss., 1869, 4–5, as doubtful sp. (in *Raja batis*; Norway).—Mont., 1888a, 88; 1891, 128.—St.-Remy, 1891, 213 (in *Raja batis*).—Tasch., 1879, 49.

**MICROCOTYLE** Ben. & Hesse, 1863; 1864, 96, 112 (either *donavini* or *labracis* should be type).—Ariola, 1899a; 1899 [in 129–138]; —, 299.—Braun, 1890a, 414, 416, 426, 428, 445, 451, 454, 458, 468, 472, 477, 484, 485, 486, 489, 490, 494, 498, 499, 500, 511, 517, 523, 540, 546; 1891d, 422; 1893a, 890; 1896b, 7.—Cerf., 1895h, 918; 1896, 514; 1899a, 403.—Cunningham, 1887a, 278.—Gamb., 1896a, 73.—Goto, 1891a, 161, 169, 170, 178, 184, 186, 187; 1891c, 103; 1893a, 798, 799, 800, fig. 1; 1900, in 351–352.—Haswell, 1892a, 459; 1892b, 150; 1893e, 114.—Hoyle, 1890, 537, 539.—Ijima, 1884c, 638, 639.—Jackson, 1888, 642, 644, 645, 646, 647, 648, 654.—Juel, 1889, 33.—Kerbert, 1881a, 573.—Lint., 1901, 414, 451 (sp.); 1905, 335, 370, 385, figs. 147–150 (sp. on *Cynoscion regalis*, *Pomatomus saltatrix*).—Lorenz, 1878a, 405–436, pls. 31–33.—Looss, 1885b, 5, 10, 15, 17, 18; 1892, 72.—MacLaren, 1904, 595.—Mont., 1888a, 7, 8, 11, 15, 34, 40, 52, 53, 55, 59, 60, 66, 86, 89, 101; 1892, Oct. 7, 213 (gen. of *Microcotylinae*); 1893, 110, 111; 1903, 336 (subf. *Microcotylinae*).—Par. & Perugia, 1890, 175–219, 3 pls.; 1890, 13; 1896, in 135–138, 2 figs; 1896 in 4 pp.; —, 653.—Pratt, 1900, 646, 650, 653, 655, 657, fig. 17, 660.—St.-Remy, 1898, 558–559.—Sons., 1891, 2 pp. (n. sp. in *Umbrina cirrhoa*).—Stoss., 1898, 14–15.—Tasch., 1879, 257; 1879, 40, 45, 46, 56, 58, 61, 62, 66, 69.

*acanthurum* Par. & Perugia, 1896, 2 (on *Brama rayi*; Genova).—Ariola, 1899, 5.—St.-Remy, 1898, 562.

*alcedinis* Par. & Perugia, 1890, 7; 1890, 744 (in *Smaris alcedo*; Genova).—Ariola, 1899, 4.—Braun, 1890a, 418, 541, 549, 552.—Goto, 1894a, 184.—Also reported for *Mæna trachini*, *M. vulgaris*.

*canthari* Ben. & Hesse, 1863; 1864, 113–114 (in *Cantharus griseus*).—Ariola, 1899, 4.—Braun, 1890a, 418, 541, 548, 550.—Lorenz, 1878a, 434.—Stoss., 1898, 15.—Tasch., 1879, 257 (in *C. gr.*).—Also reported for *Cantharus brama*, *C. lineatus*.

*caudata* Goto, 1894a, 186–187 (in *Sebastes* sp.; Mitsugahama).—Ariola, 1899, 4.—Heath, 1902, 117.—St.-Remy, 1898, 559.

*chiri* Goto, 1894a, 193–194 (in *Chirus hexagrammus*; Hakodaté).—Ariola, 1899, 4.—Heath, 1902, 117.—St.-Remy, 1898, 561.

*chrysophryi* (Ben. & Hesse, 1863) Braun, 1890a, 410 (*chrysophrii*), 418, 541, 548, 550.—Ariola, 1899, 5 (*chrysophrii*).—Lint., 1878a.—Mont., 1888a, 8 (*chrysophrii*).—Par. & Perugia, 1890, 8 (*chrysophrii*); 1894, 137 (in *Chrysophrys aurata*; Triest, Genova, Venice).—Stoss., 1891, 110; 1898, 15 (in *Chr. aur.*; Triest).—Tasch., 1879, 257 (in *Chr. vulgaris*).

*donavani* Mont., 1888a, 16, for *donavini*.

*donavini* Ben. & Hesse, 1863; 1864, 114–115, pl. 12, figs. 1–11 (in *Labrus donavini*).—Ariola, 1899, 4 (*donavani*).—Braun, 1890a, 410, 418, 498, 541, 548, 551.—Mont., 1888a, 16 (*donavani*).—Scott, 1905, 116–117, pl. 6, fig. 21 (in *Lab. bergylta* Ascan).—Tasch., 1879, 257 (in *Lab. don.*).

*draconis* Briot, 1904, Jan. 29, 126–127 (in *Trachinus draco* L.; Manche, North Sea).

*elegans* Goto, 1894a, 188–189 (in *Scombrops chilodipteroides*; Misaki).—Ariola, 1899, 4.—St.-Remy, 1898, 559–560.

*erythrini* Ben. & Hesse, 1863; 1864, 115–116 (in *Pagellus erythrinus*).—Ariola, 1899, 4.—Braun, 1890a, 418 (*erythrini*), 453, 498, 541, 548, 551.—Par. & Perugia, 1890, 8; 1894, 136 (in *Box boops*; Genova).—St.-Remy, 1898, 546.—Tasch., 1879, 257 (in *Pag. ery.*).

*erythrini* Braun, 1890a, 418 (for *erythrini*).

*fusiformis* Goto, 1894a, 192–193, pl. 2, fig. 3, pl. 4, fig. 6, pl. 5, fig. 1 (in *Centronotus rubulosus*; Mitsugahama).—Ariola, 1899, 4.—St.-Remy, 1898, 561.

*hiatula* Goto, 1899a, 281–282, pl. 21, fig. 29 (in *Hiatula onitis*; Newport, R. I.).

*labracis* Ben. & Hesse, 1863; 1864, 112–113, pl. 12, figs. 12–18 (in *Labrax lupus*).—Ariola, 1899, 4.—Braun, 1890a, 418, 443, 477, 488, 498, 514, 541, 548, 551.—Gamb., 1896a, 58, fig. 25c.—Mont., 1888, 8, 16, 66; 1893, 111.—Par. & Perugia, 1890, 8, 12; 1894, 136–137 (in *Labrax lupus*; Genova).—Scott, 1905, 117, pl. 6, fig. 23.—Stoss., 1898, 15–16.—Tasch., 1879, 257 (in *Labrax lup.*).

## MICROCOTYLE—Continued.

- lichia* Ariola, 1899, 1–5, pl. 1, figs. 1–5 (in *Lichia amia*; Genova).  
*longicauda* Goto, 1899a, 282–283, pl. 21, figs. 30–31 (in *Cynoscion regale*; Newport, R. I.).—Pratt, 1900, 657, 661, fig. 39.  
*mormiri* Mont., 1888, 34, for *mormyri*.  
*mormyri* Lorenz, 1878a, 425–434 (21–30), pl. 3, figs. 1–6 (on *Pagellus mormyrus*; Trieste).—Ariola, 1899, 4.—Braun, 1890a, 410, 418, 443, 452, 477, 488, 541, 548, 551.—Goto, 1894, 184.—Hoyle, 1890, 539–540, fig. 3c.—Juel, 1899, 36.—Linst., 1889a.—Par. & Perugia, 1890, 745 (in *Pagellus mormyrus*); 1890, 8; 1894, 137 (Triest; Genova).—Mont., 1888, 10, 16, 30, 34 (*mormiri*), 66; 1893, 111.—Stoss., 1898, 16.—Tasch., 1879, 257 (in *Pag. morm.*; Trieste); 1879, 35.—Ziegler, 1883, 546.  
*mugilis* Vogt, 1878, May 7, 327–332, pl. 14, fig. 3 (in *Mugil cephalus*; Roscoff).—Ariola, 1899, 4.—Braun, 1890a, 514, 541, 548, 551.—Goto, 1894a, 183 (in *M. ceph.*).—Par. & Perugia, 1890, 4, 8, 12; 1894, 136 (*M. ceph.*; Genova).—Sons., 1891, 253–254 (*mugylis*) (in *M. ceph.*).—Tasch., 1879, 257 (in *M. ceph.*; Roscoff).  
*mugylis* Sons., 1891, 253–254, for *mugilis*.  
*panceris* Sons., 1891, 303–304 (in *Umbrina cirrhosa*; [?Pisa], Italy).—Ariola, 1899, 5.—Braun, 1893b, 184 (in *Umb. cirr.*).—Goto, 1894a, 184.  
*pomatomi* Goto, 1899a, 278–279, pl. 21, fig. 27 (in *Pomatomus saltatrix*; Newport, R. I.).—Pratt, 1900, 660.  
*reticulata* Goto, 1894a, 189–191 (in *Stromateus argenteus*; Mitsugahama).—Ariola, 1899, 5.—St.-Remy, 1898, 560.  
*salpæ* Par. & Perugia, 1890, 207, pl. 5, fig. 34 (in *Box salpa*); 1894 (at Genova).—Ariola, 1899, 5.—Goto, 1894a, 184.—Sons., 1891, 262 (in *B. sa.*).  
*sargi* Par. & Perugia, 1890, 4, 7, 11 (*sargii*); 1890, 744 (in *Sargus rondeletii*; Genova); 1894 (in *Sargus rondeletii*, *S. annularis*, *S. salviani*; Genova).—Ariola, 1899, 4.—Braun, 1890a, 418, 514 (*sargii*), 541, 549, 552.—Goto, 1894a, 184 (in *Sargus annularis*, *S. rondeletii*, *S. vulgaris*).  
*sargii* see *sargi*.  
*sciænæ* Goto, 1894a, 194–196 (in *Sciæna sina*; Mogi).—Ariola, 1899, 4.—Heath, 1902, 117.—St.-Remy, 1898, 561–562.  
*sebastis* Goto, 1894a, 187–188 (in *Sebastes* sp.; Hakodaté).—Ariola, 1899, 4.—St.-Remy, 1898, 559.  
*stenotomi* Goto, 1899a, 279–281, pl. 21, fig. 28 (in *Stenotomus chrysops*; Newport, R. I.).—Pratt, 1900, 660.  
*trachini* Par. & Perugia, 1889, 744–745 (in *Trachinus radiatus*; Genova); 1890, 744–745; 1890, 7, 10.—Par., 1894, 136, 594, 595.—Ariola, 1899, 4.—Braun, 1890a, 418, 541, 549, 552.—Briot, 1904, 127 (in *Tr. rad.*).  
*truncata* Goto, 1894a, 191–192 (in *Pristipoma japonicum*; Mitsugahama).—Ariola, 1899, 4.—St.-Remy, 1898, 560.
- MICROCOTYLIDÆ** Tasch., 1879, 235, 237, 255; 1879, 69.—Braun, 1890a, 511, 516, 517, 523, 533, 540, 546.—Cér., 1899a, 365, 452.—Hoyle, 1890, 539 (includes: *Axine*, *Microcotyle*, *Gastrocotyle*, *Aspidogaster*, *Cotylaspis*, *Aspidocotyle*).—Jackson, 1888, 654 (includes: *Axine*, *Microcotyle*, *Aspidogaster*, *Cotylaspis*).—Mont., 1888, 8, 10, 11, 13, 15, 16, 20, 30, 34, 37, 66, 86, 88, 89, 91, 101, 108; 1892, Oct. 7, 196, 197; 1903, 336 (raised from subf. to fam. rank; subf. *Microcotylinae* (g. *Microcotyle*); 2. *Axininae* (g. *Axine*, *Pseudaxine*, *Gastrocotyle*).—Par. & Perugia, 1890, 7.
- MICROCOTYLINÆ** Mont., 1892, Oct. 7, 213 (subf. of *Polystomidæ*); 1903, 336.—Braun, 1893a, 890.—Gamb., 1896, 73.—Pratt, 1900, 646, 653 (includes: *Microcotyle*, *Gastrocotyle*, *Axine*, *Pseudaxine*).—St.-Remy, 1898, 558.
- MICROLISTRUM** Braun, 1901f, 563 (tod. *cochleariforme*); 1902b, 55.—Pratt, 1902, 889.
- cochlear* (Dies., 1850) Braun, [1901f, 563;] 1902b, 58, 59, fig. 36 (syns.: *Dist. cochleariforme* p. p. Rud., 1819; Duj., 1845; Stoss., 1892, 37; *D. cochlear* Dies., 1850; Stoss., 1892; *D. diesingi* Cobbold, 1861).  
*cochleariforme* (Rud., 1819) Braun, [1901f, 563;] 1902b, 56, 58, fig. 35 (syn. *Dist. cochleariforme* Rud., 1819; Duj., 1845; Dies., 1850; Stoss., 1892).  
*spinetum* Braun, 1901f, 563 (in *Rhynchops nigra* L.; Brazil) (syn. *Dist. attenuatum* Brems. MS.); 1901, 895; 1902b, 56, 59, 60, figs. 37–39.

- MICROPHALLINÆ** Ward, 1901, 185.—Jägers., 1903a, 14.—Odhn., 1905, 318.—Pratt, 1902, 889, 903 (includes: *Microphallus*, *Levinseniella*).—Stoss., 1904, 198.
- MICROPHALLUS** Ward, 1901, 175–185 (m. *opacus*); 1902, 17 June, 361; 1903, v. 3, [71–83], 175–187, pl. 26, figs. 1–5.—Jägers., 1903a, 14.—Looss, 1902, 426.—Odhn., 1905, 317.—Pratt, 1902, 889, 903.—Staff., 1903, 824.—Stiles & Hass., 1902d, 20.
- opacus* (Ward, 1894) Ward, 1901, 184.—Staff., 1903, 824.
- MICROPHARYNX** Jägers., 1897a, 707–714 (m. *parasitica*) [an ectoparasitic triclade *turbellaria*].
- parasitica* Jägers., 1897a, 707–714, figs. 1–3 (on *Raja clavata*, *R. lævis*; Kattegat) (? syn. *Microbothrium fragile*).—Braun, 1900, 70.—Graff, 1904, 457.—Staff., 1904, May 3, 482 (syn. *Pseudocotyle fragile* Ols.) (on *Raja lævis*; Canada).
- MICROSCAPHA** Looss, 1899b, 668–669, 769 (tod. *reticularis*) [not *Microscapha* Le Conte, 1866, coleopteron]  $\eta$  *σκαφη*=Kahn, Nachen; 1900, Dec. 3, 602 (renamed *Microscaphidium*).—Stiles, 1901, 189.
- linguatula* Looss, 1899b, 668, 766–767 (in *Chelonia mydas*; Egypt), 768, 772, 773, fig. 87.—Braun, 1901b, 38, 54, type of *Polyangium* 1902.
- reticularis* (Ben., 1859) Looss, 1899b, 668, 763–766 (in *Chelonia mydas*; Egypt), 767, 768, 770, fig. 81.
- sagitta* Looss, 1899b, 668, 770, 772–773, fig. 88 (in *Chelonia mydas*; Egypt).—Braun, 1901b, 38, 54, type of *Octangium* 1902.
- MICROSCAPHIDIINÆ** Looss, 1900, 605; 1902m, 696, 699, 841.—Pratt, 1902, 890, 909 (includes *Microscaphidium*, *Deuterobaris*).
- MICROSCAPHIDIUM** Looss, 1900, Dec. 3, 602 (*Microscapha* Looss, 1899, not Le Conte, 1866, renamed, hence type *reticulare*); 1901, 200; 1902m, 442, 630, 632, 634, 642, 643, 647, 649, 651, 652, 658, 660, 665, 666, 667, 668, 675, 677, 681, 684, 690–691, 694, 695, 696, 698, 699, 805, 811, 824, 879 (type *reticulare*).—Pratt, 1902a, 890, 909.
- aberrans* Looss, 1902m, 630, 677, 692–693, 697, 698, 879, 881, pl. 28, figs. 106, 117–121 (in *Chelone mydas*; Egypt).
- linguatula* (Looss, 1899) Looss, 1902m, 688 (to *Polyangium* as type), 694, 695, 696, 697, 698, 811.
- parallelum* Looss, 1901l, 622 (in *Chelone mydas*; Egypt); 1902m, 689 (type of *Angiodictyum*), 690, 696.
- reticulare* (Ben., 1859) Looss, 1901l, 622; 1902m, 630, 632, 662, 677, 689, 690, 691–692, 693, 694, 695, 696, 697, 698, 879, pl. 28, figs. 105, 107–116.
- sagitta* (Looss, 1899) Looss, 1901l, 621; 1902m, 627, 685 (to *Octangium* as type), 694, 695, 696, 811.
- MICROSCAPHINÆ** Looss, 1899b, 667; 1900, 605.
- MIMODISTOMUM** Staff., 1904, May 3, 488–489 (m. *augusticaudum*) (*μῖμος*=imitator).
- augusticaudum* Staff., 1904, May 3, 488–489 (in *Lota maculosa* Le S., Stitzoedion vitreum Mit.; Canada).
- MIRACIDIUM** Braun, 1892a, 776, refers to the trematode embryo; not used as generic name.
- MONOCÆCUM** Staff., 1903, 822 (m. *baryurum*).
- baryurum* Staff., 1903, 822–824, figs. 1–3 (in *Necturus maculatus* Raf.; near Montreal); 1905, 682.—Linst., 1905, 418, 422 (*brachyurum*).
- brachyurum* Linst., 1905, 418, 422, misprint for *M. baryurum*.
- MONOCERCA** Wedl, 1861, 478–479 (m. *heterobranchi*).
- heterobranchi* Wedl, 1861, 478–479, pl. 3, fig. 39 (in *Heterobranchus anguillaris*; Cairo, Egypt).—Brand., 1888a, 15, 52; 1890a, 578.—Braun, 1892a, 796.—Linst., 1879a.
- MONOCERCÆ** Dies., 1855a, 384; 1858d, 243.—Mont., 1888a, 94.
- MONOCOECUM** Linst., 1905, 418, 422, for *Monocæcum* Staff.
- brachyurum* Linst., 1905, 418, 422, for *baryurum*.
- MONOCOTYLA** Blainv., 1828a, 556, Trematode fam. name, includes: *Axine*, *Branchiobdella*, *Capsala*, *Epibdella*, *Erpobdella*, *Geobdella*, *Glossobdella*, *Hippobdella*, *Iatrobdelella*, *Ichthyobdella*, *Malacobdella*, *Nitzschia*, *Palæobdella*, *Pontobdella*, *Pseudobdella*.

- MONOCOTYLE** Tasch., 1878, 573, 574 (m. *myliobatis*); 1879, 57, 68; 1879, 236.—Braun, 1890a, 412, 415, 442, 484, 511, 516, 517, 523, 530, 531; 1893a, 890; 1896b, 7.—Cerf., 1894, 947; 1898b, 362.—Gamb., 1896a, 73.—Goto, 1893a, 798; 1894a, 229.—Hoyle, 1890, 539 (only one species, *myliobatis*) (in *Myliobatis aquila*).—Jackson, 1888, 653.—Mont., 1888a, 13, 34, 66, 88, 98; 1891, 108; 1892, Oct. 7, 213 (g. of *Monocotylidae*); 1903, 335 (subf. *Monocotylinæ*; f. *Monocotylidae*); 1905, 69.—Pratt, 1900a, 646, 650, 656, fig. 21.—St.-Remy, 1898, 523, 541.—Stoss., 1898, 9.
- ijimæ* Goto, 1894a, 230–232 (in *Trygon pastinaca*; Aug., Hiroshima).—Braun, 1896a, 1346.—Cerf., 1895m, 130; 1896, 539, 540; 1898b, 338, 341, 347, 352.—St.-Remy, 1898, 541.
- myliobatis* Tasch., 1878, 574 (in *Myliobatis aquila*; Naples).—Braun, 1890a, 418, 488, 494, 531, 548, 551.—Cerf., 1894, 948.—Hoyle, 1890, 539.—Linst., 1889.—Par. & Perugia, 1890, 6.—Par., 1894, no. 726, 1022, 1059, 1060.—Pratt, 1900a, 656, 657, fig. 21.—Sons., 1890, 173 (in *My. aq.*).—Stoss., 1898, 9.
- MONOCOTYLEA** Dies., 1850a, 288, 290, 331, 431 (tribus II of *Bdellidea* Blainv.), 649 (tribus I of *Myzelmintha*): 1858, 312, 329.—Braun, 1890a, 515.—Goldb., 1855, 17, 20.—Mol., 1858, 128; 1858, 288.—Mont., 1888, 83, 84.—Stiles & Hass., 1898a, 90, 91.—Tasch., 1879, 233, 234.—Weinland, 1859, 280.
- MONOCOTYLIDÆ** Tasch., 1879, 235, 236, 238; 1879, 68.—Braun, 1890a, 516, 517, 523, 526, 530; 1893a, 890; 1896b, 7.—Cerf., 1894, 946, 947, 948; 1898b, 361, 362; 1899a, 411.—Goto, 1899, 291.—Hoyle, 1890, 539 (includes: *Calicotyle*, *Pseudocotyle*, *Monocotyle*).—Jackson, 1888, 653 (includes: *Calicotyle*, *Pseudocotyle*, *Monocotyle*).—Mont., 1888, 15, 34, 86, 88, 97, 108; 1891, 108, 127; 1892, Oct. 7, 197, 213 (f. of *Eterocotylea*) (raised to fam. from subf. by Leuck); contains: *Pseudocotyle*, *Callicotyle*, *Monocotyle*; 1903, 336 (includes subf.: *Monocotylinæ* (g. *Monocotyle*), *Pseudocotylinæ* (g. *Pseudocotyle*=*Microbothrium*), *Callicotylinæ* (g. *Calicotyle*), *Anisocotylinæ* (g. *Anoplodiscus*, *Merizocotyle*, *Lophocotyle*, *Dionchus*); 1905, 69, 70.—Pratt, 1900a, 646, 649 (includes: *Monocotyle*, *Calicotyle*, *Lophocotyle*, *Dionchus*, *Merizocotyle*, *Microbothrium*, *Pseudocotyle*).—St.-Remy, 1891, Dec., 480–481; 1891, Oct., 600.—Stoss., 1898, 8.
- MONOCOTYLIDES** St.-Remy, 1891, 225–227 (nervous system of); 1891, 480–481; 1891, 600; 1892, 1 Nov., 45–52, 2 figs. (anatomy of).
- MONOCOTYLINÆ** Gamb., 1896a, 73.—Mont., 1903, 335; 1905, 69.—St.-Remy, 1898, 522, 540.
- MONOGENA** Mont., 1888, 85, 95, 96 (for *Monogenea*).
- MONOGENÆA** Haswell, 1892a, 457, 458, 460; 1893e, 127, 145 (for *Monogenea*).
- MONOGENEA** Ben., 1858 (*Monogènèse*), see Brand., 1891d, 7, 9; 1894a, 305.—Braun, 1883a, 58; 1890a, 407, 473, 516, 517, 520, 522; 1891d, 421; 1893a, 888; 1893b, 187, 188; 1895b, 131, 136.—C'arus, 1863, 477.—Cerf., 1894, 947.—Dieckhoff, 1891, 245–276, 1 pl.—Gamb., 1896a, 73.—Goto, 1893a, 801.—Haswell, 1892a, 457, 458, 460 (*Monogenæa*); 1893e, 127, 145 (*Monogenea*); 1892, 150.—Hoyle, 1890, 539 (includes: *Tristomæa*, *Polystomæa*).—Kath., 1894a, 144.—Kholodk., 1899a, 148–149.—Knoch, 1894a, 11.—Kofoid, 1899, 183.—Looss, 1892a, 116; 1893b, 819.—Mont., 1888, 85, 95, 96 (*Monogenea*); 1903, 334.—Odhn., 1902, 42, 43, 44; 1905, 370.—Pratt, 1900a, 645, 646.—Tasch., 1879, 234.
- MONOGENETICA** Haswell, 1893e, 144, 145.
- MONORCHEIDES** Odhn., 1905, 319–320 (m. *diplorchis*).
- diplorchis* Odhn., 1905, 318–320, pl. 4, fig. 1 (in *Lumprenus medius*; off Kings Bay, west side of Spitzbergen.)
- MONORCHEIDINÆ** Odhn., 1905, 320.
- (**MONORCHIS**) Mont., 1893, 149, subg. of *Dist.*, 150, 151 [type by absolute tautonymy *D. monorchis*] [not *Monorchis* Bastian; not *Monorchis*<sup>a</sup> Clerc., 1902, cestode].—Braun, 1893a, 894.—Looss, 1902i, 115–122; 1902k; 1903n; 1905h.—Luehe, 1900, 489.—Odhn., 1905, 319, 320.—Stiles & Hass., 1898a, 91, 98 (type by absolute tautonymy *monorchis*).
- pachysomum* (Eysenhardt, 1829) Mont., 1893, 151.—Looss, 1902i, 199, type of *Haploplanchnus*.
- monorchis* (Stoss., 1890) Mont., 1893, 151.

<sup>a</sup> Cestode species: *cirrosa*, *crassirostris*, *dujardini*, *filum*, *hirsutum*, *penetrans*, *pseudofilum*.

- MONORCHIS** (Mont., 1893), type *monorchis*.—Looss, 1902i; 1902k; 1903n; 1905h.  
*monorchis* (Stoss., 1890) Looss, 1902i, 117, fig. 1 (in *Cantharus orbicularis*, *Oblata melanura*; Trieste).  
*parvus* Looss, 1902i, 118, fig. 2 (in *Sargus annularis*, *S. rondeletii*; Trieste).
- MONOSICHYA** Braun, 1890a, 401. See *Monossichya*.
- MONOSSICHYA** Cosmovici, 1887, supergeneric (includes *Monostomum*).—Mont., 1888a, 84, see *Monosichya*.
- MONOSTAMA** Mégnin, 1890c, 88, 89, for *Monostoma*.
- MONOSTOMA** <sup>a</sup> Zed., 1800a, 16, 147–160 (*Festucaria* Schrank, renamed, hence type *anatis*).—Andral, 1829, 617.—Baillet, 1866b, 107.—Bellingham, 1844a, 335–336.—Ben., 1858a, 1861a, 69; 1870, 363; 1870c, 142.—Ben. & Hesse, 1864, 61.—Blainv., 1828a, 582.—E. Bl., 1847, 303–304.—R. Bl., 1888a, 541, 542.—de Bonis, 1882, 103.—Brand., 1888a, 12; 1892, 504–511 (revision).—Braun, 1883a, 52, 59; 1890a, 514, 515; 1892a, 681, 696, 710, 722, 748, 768, 769, 770, 772; 1893a, 872, 879, 884, 886, 887, 890, 893, 894, 895, 896, 913, 914, 918; 1895b, 121, 128, 134, 137, 154; 1901, 561.—Bremser, 1824, 132.—Burm., 1837, 530.—Carus, 1863, 479.—Cerf., 1894, 946; 1898b, 356 (sp. in *Cygnus musicus*).—Cohn, 1904, 235, 237.—Cosmovici, 1887a, 128, 129.—Crep., 1829, 1, 49 (*Monostomum*); 1839, 285.—Dav., 1877, 73.—Deslongchamps, 1824ee, 551, 555.—Dies., 1834a, 1231; 1850a, 287, 319–331 (syns. *Cucullanus* Mueller ["*Cuculanus*"], *Festuc.* Schrank, *Fasc. Gœze*, *Amphist. Rud.*, *Dist. Zed.*, *Monost. Zed.*), 400 (syn. of *Amphist.*), 411 (syn. of *Notocotyle*), 414 (syn. of *Aspidogaster* Baer), 609 (of Numan; syn. of *Pentast.*); 1855a, 380 (cf. *Cheilost.*), 384; 1855, 62; 1858e, 312, 324–329.—Duj., 1845a, 342–343.—Dunglison, 1893, 1174.—Eichwald, 1829a, 249.—Eiss, 1838, 23.—Fischer, 1840, 156.—Fischder., 1902a, 6.—Gamb., 1896a, 73.—Goldb., 1855a, 17, 27.—Gunther, 1858, 205.—Hahn & Lefèvre, 1884, 806 (of *Rud.*).—L'Herminier, 1826, 10.—Hoyle, 1890, 535, 539 (type *mutabile*).—Jackson, 1888, 644, 654.—Jägers., 1901, 979.—Joy, 1835a, 504.—Kholodk., 1898, 33, 34; 1899a, 153.—Kolenati, 1857, 11.—Kuech., 1855, 180.—Lamarck, 1816, 185–186.—Lamoureux, 1822a, 194.—Leuck., 1863a, 61, 66, 451, 524, 632–633; 1879, 78; 1886d, 34, 59, 64.—Linst., 1901, 2.—Looss, 1885b, 56; 1896b, 147; 1899b, 658; 1901, 192, 193 (*ocreatum* = *Dist. lorum* Meln.; *verrucosum* to *Notocotyle*; *bombynae* = *M. ellipticum* = *Dist. variegatum*; *mutabile* = type of *Cyclocœlum*; *prismaticum* = type by elimination); 1902m, 562, 564, 566, 568 (*prismaticum* type after Looss, 1901, but a *distome* after Mont., 1892; *mutabile* type of *Cyclocœlum* Brand. in 1892; type of *Monost.* by elimination after Luehe, 1901; see also Looss, 1902m, 707; *mutabile* might be type, Looss, 1902m, 719), 700, 701, 702, 703, 707, 710, 719, 720, 721, 728, 729, 730, 746, 812, 813, 842.—Luehe, 1901, 174, 175; 1901, 481.—Mayer, 1841, 4.—Moniez, [1899a], 159.—Mont., 1888, 7, 11, 64, 69 (*Monostomum*), 71, 73, 83, 84, 93, 106; 1892c, 514–534, figs. 1–22 (sp. in *Box salpa*); 1892d, 23 pp., 22 figs.; 1892, 31; 1892, Oct. 7, 183, 189, 199 (syn. of *Aspidogaster* (of *Rud.*)), 214 (g. of *Monostomidæ*); 1892, 709 (*Monostomum*); 1893, 15, 25, 27, 105, 115.—Moul., 1856a, 12, 15.—Nord., 1840, 614, 622–623.—Olfers, 1816, 22, 48.—Par., 1887, 327.—Pratt, 1900a, 645; 1902a, 890.—Rail., 1891, 26.—Ratzel, 1868, in 19 pp.—Rud., 1809a, 5, 20–21, 36–37, 325, pl. 12, fig. 5; 1819a, 82, 340, 583.—Schneidemuehl, 1896, 295.—Schneider, 1866, 334.—Sieb., 1854, 20, 29.—Stiles, 1902s, 28.—Stoss., 1898, 63.—Tasch., 1879, 232, 233, 258 (syn. of *Aspidogaster* Baer); 1879, 611.—Villot, 1878, 19.—Vogt,

<sup>a</sup> *Monostoma* represents a complicated case, so far as its type is concerned, and well represents "a ship without a rudder."

There can be no question but that *Monostoma* was a deliberate renaming of *Festucaria* 1788, the name being changed for purely subjective reasons. The fact that Zeder did not specifically mention the original species of *Festucaria* does not seem to bear upon the question, for he gave "die mir bekannten Arten," and he refers to the original reference of *Festucaria*; thus the case is similar to *Tænia* Linn., 1758a, renamed *Alyselminthus* Zed., 1800. In our opinion the type must be the same as that of *Festucaria*, and this has been fixed by elimination to *Festucaria anatis*. The question whether or not this is a species inquirenda can not, so far as we see, come up at present. A deliberate renaming deserves to be treated in only one way and, logically, we see only one way to treat it.

Hoyle (in 1890, probably 1888, possibly earlier) designated *mutabile* as type of *Monostoma*. Looss (1901) by elimination designated *prismaticum* as type.

Had *Monostoma* not been a case of renaming, we should accept Hoyle's designation.

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- 1878, 9, 10.—Wagener, 1854, 10–11; 1883, 122.—Wallenstedt, 1847, 7.—Walter, 1892, 11 July, 248–250 (in intestine of turtle).—Wedl, 1855, 380, pl. 2a, fig. 14 (sp.).
- 1815: Monostomeus Rafinesque, 1815, 151, *Festucaria* renamed.
- 1829: Monostomum Crep., 1829, 1, 49, for Monostoma.
- 1888: Monostomum Mont., 1888a, 69, misprint.
- 1891: Monostomum Brand., 1891d, 19, misprint.
- 1892: Monostomum Mont., 1892, 709, misprint.
- 1904: Monostromum Linst., 1904, 254, misprint.
- acreatum* Stoss., 1892, 18, misprint for *ocreatum*.
- aculeatum* Linst., 1879b, 338 (in *Testudo græca*; loc. not given); 1889.—Brand., 1892, 509.—Braun, 1893a, 915; 1899, 630; 1901a, 13, 14.—Looss, 1899b, 567.—Luehe, 1899, 528.—Mont., 1892, 686, 687, 697, 705, 715.—Stoss., 1895, 224 (=Dist. linstowi Stoss.); 1898, 43 (in Test. gr.; Trieste).
- affine* Leidy, 1858, 110–111 (t. h. *Fiber zibethicus*; U. S. A.); 1904a, 111.—Brand., 1892, 510.—Braun, 1893a, 875, 915; 1893d, 466 (in *F. zib.*); 1901e, 344.—Dies., 1859c, 425.—Mont., 1892, 685, 696, 697, 698, 703, 711.
- album* Kuhl & van Hasselt, 1822a; 1824a, 311 (in *Chelonia midas*; Iles des Cocos-tiers).—Braun, 1899b, 721, 723–724; 1901a, 38, 44, 45–48, 52.—Crep., 1846, 146.—Dies., 1850a, 325 (=M. *trigonocephalum* Rud.).—Looss, 1899b, 667, 756, 762 (type of *Criccephalus*); 1902m, 531.—Shiple, 1900, 532.
- alveatum* Mehlis, in Crep., 1846, 142 (in *Anas fusca*, A. *glacialis*), 143 (in A. *leucopthalma*, A. *mollissima*, A. *penelope*), 144 (in *Cygnus musicus*).—Brand., 1892, 508.—Braun, 1893a, 879.—Cobbold, 1860a, 40.—Cohn, 1904, 229 (of Mueh., 1898) (syn. of M. *alveiforme* Cohn), 230.—Crep., 1846, 141, 142–144; 1851, 291.—Dies., 1850a, 331 (in *Anas fusca*, A. *glacialis*, A. *marila*, A. *mollissima*, A. *musicus*, A. *penelope*); 1858e, 328 (in *Anas anser ferus*).—Looss, 1899b, 662.—Mont., 1892, 38, 39, 41 (to *Notocotyle*); 1892, 706, 709.—Mueh., 1898, 19 (in *Fuligula marila*; Pillau); 1898, 31, 101–102, fig. 3.—Reported also for *Anas bernicla*, A. *cinereus*.
- alveiforme* Cohn, 1904, 230 (*alveatum* Mehlis of Mueh., 1898, renamed).
- amiuri* Staff., 1900, 402–403, fig. 2 (in swim bladder of *Amiurus nebulosus*); 1904, May 3, 495 (Canada).
- angustum* Schlotthauber, 1860, 129 (int. of *Scolopax gallinago*).
- arcuatum* Brand., 1892b, 507 (to *Cyclocelum*) (in aquatic birds), 508.—Braun, 1893a, 915; 1899, 467.—Looss, 1899b, 660, 661.—Stoss., 1902, 5, 6, 21, to *Cyclocelum* (syns. Monost. *mutabile* of Sieb., 1835, 49, pl. 1; Dies., 1858, 325; Dav., 1877a, lxxiii; Mueh., 1898, 31) (in *Anas clangula*; Berlin, supposed to be based on Brandes' orig. material) (also in *Anas dom.*; Berlin).
- armatum* Mayer, 1841a, 4, *Echinorhynchus* renamed.
- asperum* Nitzsch, in Crep., 1849a, 71 (in *Anas fuligula*); in Giebel, 1857, 265 (in *Mergus albellus*, *Anas clangula*).—Brand., 1892, 507.—Braun, 1893a, 871.
- asperum* Vaillant, 1863, 347–348 (in *Siren lacertina*).—Mont., 1892, 715.
- attenuatum* Rud., 1809a, 328–329 (t. h. *Scolopax gallinago*, ceca; Greifswald) (to Monost. (Monost.)); 1819a, 84.—Baillet, 1866b, 107.—Bellingham, 1844a, 336.—Brand., 1892, 508.—Braun, 1891, 90; 1891d, 434 (in *Anas boschas*); 1893a, 874, 879, 916.—Cobbold, 1860a, 40.—Crep., 1839, 285; 1846, 141–142, 144–145; 1849, 1, 71; 1851, 1, 290.—Dav., 1877a, lxxiii.—Dies., 1850a, 322–323; 1858e, 325 (in *Anas tadorna*, A. *penelope*, A. *albifrons*, A. *marila*).—Duj., 1845a, 350.—Hass., 1896a, 3 (syn. of *Notocotyle verrucosum* (Frølich)).—Looss, 1896, 192; 1899b, 662, 663.—Luehe, 1898, 625.—Mol., 1859, 824–825 (in *Anas clangula*, A. *clypeata*, A. *ferina*, A. *fuligula*, A. *fuscata*, A. *musicus*, *Anser dom.*, *Mergus merganser*, M. *serrator*).—Mont., 1892, 38, 39, 41 (syn. of *Notocotyle verrucosum* Frølich); 1892, 706, 709.—Mueh., 1898, 31.—Nicoll, 1906, 515 (in *Harelda glacialis*).—Olfers, 1816, 48.—Rail., 1893a, 338 (of Mol. = M. *mutabile* Zed.), 340 (of Rud. = *Notocotyle verrucosum*).—Schlotthauber, 1860, 129.—Reported also for *Anas glacialis*, *Anser cinereus*, *Cygnus musicus*, *Fuligula cristata*, F. *ferina*, F. *marila*.
- bijugum* Miescher, (1838a), pp. 28, pl. 1; 1838b, 154–158.—Baird, 1853a, 45.—Ben., 1858a, 1861a, 179, 188, 198, 200, 201.—Brand., 1891b, 265.—Dies., 1850a, 321 (syn. of M. *faba* Bremser).—Nord., 1840, 616, 625 (syn. M. *faba*).—Sieb., 1839, 160–162.—Tsch., 1879, 608 (syn. of M. *faba*).

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- bipartitum* Wedl, 1855, 378–380, 393, pl. 1a, figs. 11–13 (t. h. *Thynnus vulgaris*).—Ariola, 1902, 100, 101 (of Wagener, form 2, syn. of *Didymocystis reniformis*), 103 (of Wedl, and of Wagener, form 1, syn. of *Didymost. bipartitum*, type), 105 of Wagener, form 3, syn. of *Didymocystis wedli*).—Braun, 1892a, 573, 660; 1893a, 894.—Darr, 1902, 661.—Dies., 1858e, 327 (in *Thyn. vulg.*); 1859c, 426.—Gamb., 1896a, 71.—Leuck., 1863a, 453.—Mont., 1888a, 9, 93; 1892, 714.—Par. & Perugia, 1889 or 1890, 746 (syn. of *Didymozoon thynni* Tasch.); 1893, 2.—Stoss., 1898, 62.—Tasch., 1879, 72; 1879, 606, 611, 612 (syn. of *Didymozoon thynni* Tasch.).—Wagener, 1858, 250, 252–256, pl. 10, figs. 1–10 (in *Thynnus vulgaris*; Niceæ).
- blainvilliei* Cobbold, 1860a, 39 (*Monost. delphini* Blainv., renamed) (in *Delphinus dalei*).—Mont., 1892, 712.
- bombynx* Zed., 1800a, xvi, 151, 160 (t. h. *Rana bombya*, lungs; Europe); 1803a, 190.—Baird, 1853a, 53 (= *Dist. variegatum*).—Dies., 1850a, 322 (syn. of *M. ellipticum* Rud.).—Looss, 1894a, 71 (syn. of *Dist. variegatum* Rud.); 1901, 192.—Rud., 1809a, 333 (= *M. ellipticum*).
- braunii* Cobbold, 1860a, 43 (*M. murænulæ* Rud.) (in *Coregonus murænula*).
- caouanæ* Kollar, in Braun, 1901b, 23 (syn. of *Enodiotrema megachondrum*) (in *Thalassochelys caouana* = *T. caretta*).
- capitellatum* Rud., 1819a, 83, 343 (to *Monost. (Monost.)*) (t. h. *Sparus salpa*; Naples).—Barbagallo & Drago, 1903, 411 (in *Box salpa*; Catania).—Brand., 1892, 509.—Braun, 1891d, 421; 1892a, 765, 766, 784, 786; 1893a, 915; 1893b, 178, 179.—Carus, 1884, v. 1, 112, 122.—Cobbold, 1860a, 42 (in *Box salpa*, *Scomber scombrus*).—Creutzburg, 1890a, 21.—Dies., 1850a, 326; 1858e, 327 (in *B. sal.*).—Duj., 1845a, 360–361.—Fil., 1855b, 25.—Florance, 1866a, 5.—Kroyer, 1838–40a, 595 (in *Scom. scom.*).—Leuck., 1863, 491, fig. 166; 1879, 39, fig. 16; 69; 1886d, 30, 69, fig. 16.—Looss, 1899b, 669; 1902m, 730 (as possible type of *Monost.*, if Rud., 1819, were taken instead of Linn., 1758).—Luehe, 1901, 59, 60.—Mont., 1892, 4–12; 1892, 16 (of Carus, 1884, 112, partim, Par., Setti, Stoss. = *M. stossichianum* Mont.); 1892, 685, 686, 687, 688, 689, 694, 695, 696, 697, 698, 699, 700, 702, 703, 704, 705, 716; 1893, 15, 24, 83, 84, 104, 115, 116.—Par., 1886, 5, 7; 1887, 489.—Setti, 1891, 4 (= *M. stossichianum teste* Mont.).—Stoss., 1883, 112, pl. 2, fig. 9 (= *M. stossichianum teste* Mont.); 1898, 64.—Wagener, 1857, 26, 27, 45, 101, pl. 19, fig. 5.—Will.-Suhm, 1873, 342.
- caryophyllum* (Rud., 1802) Zed., 1803a, 189; to *Monost. (Hypost.)* by Rud., 1809a, 323.—Baillet, 1866b, 108.—Blainv., 1828a, [probably type of *Hypost.*].—Brand., 1892, 508.—Braun, 1893a, 915.—Bremser, 1824, 132, pl. 8, figs. 1–2.—Cobbold, 1858b, 156, pl. 31, figs. 2, 3 (in *Gasterosteus aculeatus*).—Crep., 1825a, 80; 1839, 285.—Dav., 1877a, lxxiii.—Dies., 1850a, 328 (in *Gast. acul.*, *Gyphæ*; *Anas boschas dom.*, Berlin).—Duj., 1845a, 360.—Gurlt, 1838, 229.—Kroyer, 1838–40a, 187 (in *Gast. acul.*).—Lamarck, 1816b, 186.—Mont., 1892, 717 (*caryophyllum*).—Nord., 1840, 623.—Olfers, 1816, 48.—Rail., 1893a, 339.—Risso, 1826, 262.—Rud., 1809a, 325–326, pl. 9, fig. 5; 1819a, 82.—Sieb., 1839, 169.—Verrill, 1870, 179 (of Bremser).
- caryophyllum* Mont., 1892, 717 (for *caryophyllum*).
- cercatum* Ben., 1858a, 1861a, 179 [possibly lapsus for — ? —].
- cochleariforme* Rud., 1809a, 326–327, 410 (*Festuc. cyprinacæ* Schrank, 1790, renamed) to (*Hypost.*) (in *Cyprinus barbus*); 1819a, 82–83.—Brand., 1892, 507.—Braun, 1893a, 916.—Dies., 1850a, 329 (syns.: *Festuc. cyp.*, *Dist. punctatum* Zed.) (in *Barbus communis*).—Duj., 1845a, 362.—Kroyer, 1846–53a, 333 (in *Barbus fluviatilis* Ag.).—Lamarck, 1816b, 187.—Mont., 1892, 685, 696, 698, 704, 716, 717.—Nord., 1840, 624 (syn. *Festuc. cyp.*).—Olfers, 1816, 48.—Stoss., 1890, 132.
- conicum* Zed., 1803a, 188 (*Festucaria cervi* Zed., 1790 renamed).—Dies., 1836, 247; 1850a, 401 (to *Amphist.*).—Fischder., 1901, 368 (syn. of *Paramphist. cervi*, type); 1902a, 11 (syn. of *P. cervi*); 1903h, 540.—Nitzsch, 1819, 398 (to *Amphist.*).—Nord., 1840, 627 (to *Amphist.*).—Rud., 1809a, 349 to *Amphist.*, 350.—Stiles, 1898a, 64.—Ward, 1895, 256 (to *Amphist.*), 332 (in *Bos taurus*), 335 (in *Ovis aries*).
- constrictum* Dies., 1850a, 322 (t. h. *Abramis brama*; eye); 1855, 62, pl. 2, figs. 3–5; 1858e, 325.—R. Bl., 1888a, 542.—Brand., 1892, 511, to *Diplostomulum*.—Braun, 1893a, 871.—Kroyer, 1852–53a, 1223 (in *Abramis brama* L.).—Moniez, 1896, 154.—Mont., 1888a, 7; 1892, 716, 717.—Sramek, 1901, 108 (see *Dist. retroconstrictum*).

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- cornu* (Zed., 1800) Rud., 1819a, 85, 90, 345–346 (in *Ardea cinerea*, A. *nycticorax*).—Brand., 1892, 507.—Braun, 1893a, 916.—Dies., 1850a, 327.—Duj., 1845a, 349–350.—Mont., 1892, 706.
- colti* Linst., 1889a, 80, based on Zschokke, 1884, 204–205 (in *Cottus gobio*; Lake Leman), ? syn. *M. marænulæ*.—Braun, 1893a, 871.—Mont., 1892, 685, 716, 717.
- crenulatum* Rud., 1809a, 328, to Monost. (Monost.) (t. h. *Motacilla phœnicurus*; Greifswald), 1819a, 84.—Brand., 1892, 510.—Braun, 1893a, 915.—Dies., 1850a, 327.—Duj., 1845a, 348.—Lamarck, 1816b, 187.—Mont., 1892, 713, 714 (in *Lusciola phœnicurus*).—Nord., 1840, 624 (in *Mot. phœn.*).—Olfers, 1816, 48.—Stoss., 1898, 23.
- crucibulum* Rud., 1819a, 83, 342–343 to (Monost.) (t. h. *Mursena conger*, *M. cassini* (*M. myroides*); Naples).—Dies., 1850a, 321–322; 1859c, 425, 437 (to *Gasterost.*).—Duj., 1845a, 363–364.—Kroyer, 1846–53a, 615 (in *Anguilla conger* L.).—Odhn., 1905, 305 (to *Prosorhynchus*).—Stoss., 1898, 60.—Tennent, 1906, 639, 640 (to *Gasterost.*).
- cucumerinum* (Rud., 1809) Braun, 1899f, 468.—Stoss., 1902, 9, 32 (to *Typhlocœlum*).
- cymbium* Dies., 1850a, 320 (t. h. *Himantopus wilsonii*; Caiçara, Brazil); 1855a, 63, pl. 2, figs. 1–2; 1858c, 324.—Brand., 1892, 509.—Braun, 1892a, 642, 700; 1893a, 873, 915; 1893b, 179; 1901b, 48.—Looss, 1902m, 701.—Mont., 1892, 27 (syn. of *M. flavum*); 1892e, 683–718, figs. 1, 2, 4, 6, 8, 9, 10, 11; 1892, 707 (syn. of *M. flavum* Mehlis); 1892, Oct. 7, 183; 1892f, 47 pp., 11 figs.; 1893, 19, 83, 84, 115, 116, 117.—Stoss., 1902, 4, 6, 7 (*cyumbium*), 27, 28 (to *Hæmatotrephus*).
- cyprinæ* Leach in Johnston, 1865a, 35 (on *Cyprina islandica*; Plymouth), as syn. of *Malacobdella grossa*.
- cyumbium* Stoss., 1902, 7, for *cymbium*.
- delicatum* Dies., 1850a, 325 (Dist. *testudinis* Rud., 1819a, 121, renamed) (t. h. *Emys europea*, *Halichelys atra*; Mus. Vien.).—Brand., 1892, 510.—Braun, 1893a, 915; 1899, 628; 1899b, 715, 721, 722; 1901b, 54.—Mont., 1892, 685, 714.—Also reported for *Emys lutaria*.
- delphini* Dies., 1850a, 330 (in *Delphinus dalei*) based on Blainv., 1825a, 141 and 1825b, 212–214 (on *Delphinus* sp.; Havre).—Ben., 1870, 358.—Braun, 1893a, 870.—Cobbold, 1879b, 421.—Mont., 1892, 711.—See also M. blainvillei.
- dubium* Cobbold, 1858b, 156, pl. 31, figs. 4–5 (t. h. *Gasterosteus spinachia*); 1879b, 463.—Brand., 1892, 511 (to *Monostomulum*).—Braun, 1893a, 871.—Mont., 1892, 717.
- dujonii* Braun, 1893a, 917, for *dujonis*.
- dujonis* Leuck., (1874), 419 (in *Halicore dujong*), teste Mont., 1892, 712.
- echinatum* Linst., 1878, 223–224, fig. 6 (in *Pandion haliaëtus*); 1889.—Brand., 1892, 509.—Braun, 1892a, 570, 586; 1893a, 915.—Mont., 1892, 685, 686, 687, 694, 697, 698, 699, 702, 705, 713, 714.
- echinostomum* Dies., 1850a, 326 (t. h. *Cathartes aura*, *Sula fusca*; Brazil) (includes Dist. *planicollæ* Rud., 1819a, 686, from *Pelecanus sula*; Brazil); 1855, 63, pl. 2, figs. 14–16; 1858c, 327.—Brand., 1892, 506.—Braun, 1892a, 584; 1901, 567; 1902b, 28 (syn. of *Anoictost.* (?) *planicollæ*).—Mont., 1888, 8, 14; 1892, 706, 710.
- elaphi* (Gmelin, 1790) Zed., 1800a, xvi, 150.—Fischder., 1902a, 11 (syn. of *Paramphist. cervi*); 1903h, 504, 506.—Rud., 1809a, 350 (= *Amphist. conicum*).—Stiles, 1898a, 64.
- ellicticum* Mont., 1892, 715 (for ellipticum).
- ellipticum* Rud., 1809a, 333 (Mon. *bombynæ* Zed., 1800, renamed) to (Monost.); 1819a, 84–85 (in *Bufo igneus*, Berlin; B. *cinereus*), 344–345.—Baird, 1850a, 53 (= Dist. *variegatum* Crep.).—Blainv., 1828a, 582.—Brand., 1892, 507.—Braun, 1893a, 876, 881, 915.—Bremser, 1824c, pl. 8, figs. 12–14.—Cobbold, 1860a, 41.—Dies., 1850a, 322 (in *Bombinator igneus*, Berlin; *Phryne vulgaris*) (syn. *M. bombynæ* Zed.), 355.—Duj., 1845a, 359.—Eichwald, 1829a, 249.—Looss, 1894a, 71, 72, 80 (syn. of Dist. *varieg.* Rud.); 1899b, 660; 1901, 192 (*M. bombynæ*).—Mont., 1892, 715 (*ellicticum*).—Nord., 1840, 625.—Olfers, 1816, 48.—Par., 1894, 168.—Schlotthauber, 1860, 129.—Sieb., 1835, 56.—Stoss., 1889, 62 (= Dist. *varieg.*); 1898, 35; 1902, 5.—Reported for *Bufo igneus*, B. *vulgaris*, *Rana bombina*, R. *esculenta*.
- expansum* Crep., 1842, 327 (t. h. *Aquila haliaëtus*).—Brand., 1892, 508.—Braun, 1893a, 915.—Dies., 1850a, 321 (in *Falco haliaëtus*; *Gryphæ*).—Duj., 1845a, 345–346.—Jægers., 1901b, 979–983, 1 fig. (to *Tocotrema*); 1902a, 356–357; 1903a, 1.—Mont., 1895, 685, 686, 694, 696, 697, 698, 699, 700, 703, 713, 714.



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- jaba* Bremser in Schmalz, 1831, 11-16, pl. 6, figs. 1-9 (in *Parus major*, *Sylvia sibilatrix*, *Motacilla boarula*); 1839b, 1-8, pl. 1, figs. 1-2.—Baird, 1853, 45.—Brand., 1892, 509.—Braun, 1892a, 567, 642, 747, 751, 784; 1893a, 877, 879, 894, 915; 1893d, 468.—Cobbold, 1860a, 38, to Wedlia.—Crep., 1839b, 1-8, pl. 1, figs. 1-2; 1839a, 285.—Dav., 1877a, lxxiii.—Dies., 1850a, 320-321 (syns. *M. bijugum* Miescher, *Globularia Rolando*) (in *Fringilla spinus*, *F. canaria*, *F. domestica*, *Motacilla boarula*, *Parus major*, *Sturnus vulgaris*, *Sylvia sibilatrix*, *S. trochilus*).—Duj., 1845a, 346-348.—Leuck., 1863, 453.—Linst., 1904, 254 (*Monostromum*).—Looss, 1893b, 810.—Mont., 1888a, 9, 18, 93; 1892, 697, 699, 704, 713, 714.—Mueh., 1898, 31.—Nord., 1840, 625 (syn. *M. bijugum*).—Par., 1887, 327-329, pl. 6, fig. 36.—Rail., 1898, Oct., 628-629 (in *Garrulus glandarius*).—Sieb., 1839, 160, 161.—Tasch., 1879, 608 (syn. *M. bijugum* Miescher).—Reported also for *Cyanocitta cristata*, *Emberiza cirrus*, *Ficedula sibilatrix*, *F. trochilus* L., *Saxicola oenanthe*, *Motacilla alba*, *Passer domesticus*, *Sylvia* sp.
- flarinum* (Ben., 1858) Dies., 1859c, 426-427, as sp. inq.—Mont., 1893, 137.—Reported for *Sciæna umbra*.
- filicollæ* Rud., 1819a, 85-86, 347-348 (t. h. *Brama raji* (*Sparus raji*); Naples) to (*Monost.*).—Ariola, 1906, 184; 1906, v. 30, 185-186.—Ben., 1858a, 1861a, 104, 105 (to *Dist.*).—Braun, 1892a, 572.—Cobbold, 1860a, 31 (type of *Köllikeria*).—Dies., 1850a, 359 (syn. of *Dist. okenii*).—Duj., 1845a, 361.—Kroyer, 1838-40a, 219, 594 (in *Pagellus centrodonatus* (uv., *Brama raji* Bl.)).—Mont., 1893, 150.—Stiles & Hass., 1898a, 91, 98.—Tasch., 1879, 608.
- fligerum* Rud.—Risso, 1826, 262 (de la castagnolle).
- filum* Duj., 1845a, 362 (t. h. *Scomber scombrus*).—Ben., 1870c, 140, 141, 142.—Braun, 1892a, 660, 784, 786.—Dies., 1850a, 327; 1858e, 328 (in *Exocoëtus exsiliens*).—Kroyer, 1838-40a, 595 (in *Sc. sc.*).—Leuck., 1863a, 490.—Mont., 1888, 72; 1892, 716.—Mueller, 1894, 121-122 (in *Ex. evolans*, *E. exsiliens*).—Par., 1894, 168.—Par. & Perugia, 1893, 1, 2, 3, of Wagener (syn. of *Didymozoon zoon exocoëti*).—Wagener, 1854, 10; 1857, 25, 52.—Reported also for *Brama raji*.
- flavum* Mehlis, 1831, 172 (t. h. *Anas mollissima*, *A. fusca*, *A. marila*, *A. fuligula*).—Bailet, 1866b, 96, 107.—Ben., 1858a, 1861a, 171.—Brand., 1892, 507.—Braun, 1892a, 587, 673, 764, 768, 784, 785, 786, 788, 805; 1893a, 858, 866, 873, 876, 915; 1895b, 17; 1899, 467; 1902b, 20.—Cohn, 1904, 229 (syns.: *Typhlocœlum* Stoss., *Cyclocœlum* Brand.).—Crep., 1837, 314, 324.—Dies., 1850a, 324; 1858d, 245; 1858e, 325-326 (adult in *Anas mollissima*, *A. fusca*, *A. marila*, *A. fuliginosa*, *Mergus albellus*, *M. serrator*, young in *Fringilla dom.*, larva in *Planorbis corneus*).—Duj., 1845a, 355.—Gamb., 1896a, 72.—Leuck., 1863a, 491, 515.—Levin., 1881a, 57.—Linst., 1873, 1 (young, *Glenocerc. flava*); 1903, 279.—Looss, 1899b, 660.—Magalhães, 1899, 259, 260.—Mont., 1888a, 73, 76; 1892, 17-28; 1892, 683, 685, 686, 687, 696, 697-698, 699, 700, 704, 706, 707-708, 709-710, 711, 713, figs. 3, 7 (syn. *M. cymbium* Dies.) (in *Anas fuliginosa*, *A. fusca*, *A. marila*, *A. mollissima*, *Himantopus wilsonii*, *Mergus albellus*, *M. serrator*).—Moul., 1856a, 23, 207, 208.—Mueh., 1898, 31.—Nord., 1832a, 85, 93; 1840, 617.—Par., 1896, 2.—Schneidemuehl, 1896, 303.—Sieb., 1835, 66, 82.—Ssinitzin, 1905, 158-159; 1906, 687.—Stoss., 1902, 2, 5, 6, 7, 9, 18 (of *Par.* syn. of *Cyclocœlum robustum* Stoss.), 28, 30, 31 (of Mehlis to *Typhlocœlum*). 33 (of Magalhães, syn. of *Typhlocœlum* sp.).—Also reported for *Fuligula marila*, *Grus cinerea*.
- foliaceum* Rud., 1819a, 83, 340-342 (t. h. *Accipenser sturio*; Arimini) to (*Monost.*).—Blainv., 1828a, 582.—Braun, 1889i, 440; 1891d, 421; 1894a, 1147.—Bremser, 1824a, 132; 1824c, pl. 8, figs. 3-7.—Dies., 1836, 240; 1850a, 319-320 (in *Accipenser sturio*, *A. glaber*, *A. stellatus*); 1858c, 324 (in *Accipenser sturio*, *A. nasus*); 1859c, 425 (syn. *Amphilia foliacea* Wagener).—Duj., 1845a, 364.—Grimm, 1871, 499-502.—Kroyer, 1852-53a, 778 (in *Acip. stu.*).—Macé, 1882, 64.—Mol., 1858, 128; 1861, 197.—Mont., 1892, 2.—Nord., 1840, 625.—Salensky, 1874, 16 Sept., 291-292, pls. 28-32.—Villot, 1876, 1345; 1878, 16.—Wedl., 1855, 380-382, 394, pl. 2a, fig. 15; 1855, 399-400, pl. 1b, fig. 6.—Also reported for *Accipenser guldenstädtii*.
- galeatum* Rud., 1819a, 86, 349-350 (t. h. *Centronotus glaucus*; Naples) to (*Monost.*).—Braun, 1893a, 915.—Dies., 1850a, 327.—Duj., 1845a, 362.—Mont., 1892, 685, 686, 697, 698, 699, 702, 703, 704, 716.—Stoss., 1887, 90; 1898, 62.—Reported also for *Lichia amia*, *L. glauca*.
- gemellatum* Mont., 1892, 716, for *gemellum*.

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- gemellum* Steenstrup, 1860, 113 (in *Sphyræna baracuda*).
- geminum* Bremser, in Schmalz, 1831, 13 (for *M. faba* Bremser).—Baird, 1853a, 45 (= *M. faba*).
- gibbum* Mehlis in Crep., 1846, 137 (t. h. *Fulica atra*).—Also reported for *Gallinula chloropus*.
- gracile* Rud., 1809a, 326 (t. h. *Salmo eperlanus*) to (Hypost.); 1819a, 82.—Brand., 1892, 508.—Dies., 1850a, 328–329.—Duj., 1845a, 363.—Kroyer, 1846–53a, 20 (in *Osmerus eperlanus* L.).—Lamarck, 1816b, 186–187.—Mont., 1892, 717.—Nord., 1840a, 623–624.—Olfers, 1816, 48.—Stoss., 1902, 5.
- gurltii* Cobbold, 1860a, 42 (in *Lacerta agilis*) (includes: *M. sp. Gurlt*, *M. lacertæ* Dies., *Dithyridium lacertæ* Valenc., *D. lacertæ viridis* Rud., *D. lacertæ muralis* Rud., *Petrathyrus obesus* Crep., *Piestocystis dithyridium* Dies.).
- hepaticum suis* Willach, 1893, 40–42; 1893, 26 Sept., 438; 1893, Mar., 124; 1894 (IV, 2), 874.—Braun, 1894g, 128–129 (= *Cysticercus tenuicollis*); 1894h, 755.—Stiles, 1898a, 28, 96.
- himantopodis* Rud., 1819a, 87 (in *Charadrius himantopus*; Cat. Mus. Vien.).—Dies., 1850a, 323 (syn. of *M. mutabile* Zed.).—Mont., 1892, 707.—Stoss., 1902, 1.
- hippocrepis* Dies., 1850a, 324 (t. h. *Hydrochærus capybara*; Brazil); 1855, 63, pl. 2, figs. 6–9; 1858c, 326.—Brand., 1892, 508.—Braun, 1892a, 568, 584, 709; 1893a, 874, 915; 1901b, 344–346, pl. 19, fig. 10.—Looss, 1902m, 610.—Mont., 1888, 54; 1892, 685, 686, 694, 695, 696, 697, 698, 700, 703, 704, 711.—Also reported for *Cavia capybara*.
- histris* Mol., 1858, 128 (t. h. *Pelophylax esculentus*; Patavii); 1861, 197–198, pl. 1, fig. 12.—Braun, 1892a, 583 (*hystrix*); 1893a, 881, 916.—Dies., 1858e, 328 (in *Pel. esc.*).—Mont., 1892, 685, 697, 698, 699, 700, 702, 705, 715, 716 (*hystrix*).—Par., 1894, 168.
- holostomoides* Mehlis in Crep., 1846, 138 (t. h. *Colymbus cristatus*).—Brand., 1892, 509.—Braun, 1893a, 915.—Cohn, 1904, 230.
- hyalinum* Schlotthauber, 1860, 129 (in *Machetes pugnax*).
- hystrix* Brand., 1892, 506 (in *Rana esculenta*), for *histris*.
- idi* Rud., 1819a, 87 to (?Hypost.) (t. h. *Cyprinus idus*).—Dies., 1850a, 414 (syn. of *Aspidogaster limacoides* Dies.).—Mont., 1892, Oct. 7, 202 (syn. of *Asp. lim.*).
- ignotum* Nicoll, 1906, 514 (in *Hæmatopus ostralegus*), sp. inq.
- impudens* Crep., 1846, 149 (t. h. *Squalus griseus*).
- incommodum* Leidy, 1856, 43 (t. h. *Alligator mississippiensis*; Florida); 1891a, 414, (to Dist.) 1904a, 85.—Brand., 1892, 510.—Braun, 1893, 872, 915.—Cobbold, 1860a, 42.—Dies., 1858e, 329 (in *All. miss.*).—Mont., 1892, 714, 715.—Pavesi, 1881, 294.—Will.-Suhm, 1870, 11.
- isabellinum* Ratzel, (1868), 153, t. h. *Gadus æglefinus*.—Linst., 1878a, 223 (= *Rhipidocotyle gracilescens* (Rud.)).—Stoss., 1898, 61.
- kuhni* Cobbold, 1860a, 39 (*M. leporis* Kuhn, renamed) (in *Lepus cuniculus*).—Rail., 1893a, 339 (= *M. leporis* Kuhn).—See *Cysticercus pisiformis*.
- lacertæ* Dies., 1850a, 331 (t. h. *Lacerta agilis*) (syn. *Dist. ammon*); for *M. sp. Gurlt*, 1838, 229; 1858e, 328 (syn. *Tetrathyrus obesus*; cf. *Piestocystis dithyridium* Dies., 1850a, 495).—Crep., 1851, 1, 192.
- lactum* Jaegers., 1896a, 165, 167–177, pl. 9, figs. 1–9 (in *Cottus scorpius*); 1896b, 179–180; 1898, 15; 1900, 736.—Braun, 1899b, 724; 1901b, 47.—Looss, 1899b, 671.—Maclaren, 1904, 583.—Ward, 1901, 180.—Type of *Galactosomum* 1899.
- lanceolatum* Wedl, 1858, 251–252, pl. 1, figs. 15–17 (t. h. *Himantopus rubropertus*).—Brand., 1892, 508.—Braun, 1892a, 586, 673, 764, 766, 784, 786; 1893a, 876, 915.—Dies., 1858e, 325 (in *Him. melanopterus*) 707 (syn. of *M. mutabile* Zeder).—Linst., 1878a, 132.—Mont., 1892, 26; 1892, 691, 706.—Par., 1896, 2.—Stoss., 1902, 2, 4, 5, 23 (to *Hæmatotrephus*).
- lentis* Gescheidt, 1833, 421, 445 (in *Homo*).—Assenova, 1899, 29.—E. Bl., 1846, 342.—R. Bl., 1888a, 542, 543; 1895, 729.—de Bonis, 1882, 180.—Braun, 1883a, 59; 1893a, 870; 1895b, 155; 1903, 3 ed., 151.—Cobbold, 1876, 211.—Dav., 1877a, lxxiii, 820, 822.—Dechambre, 1875a, 196 (of Nord.).—Dies., 1850a, 329 (in *Homo*); 1858e, 328.—Dunglison, 1893a, 821, 1174; 1895, 21 ed., 821, 1174.—Eiss, 1838, 23.—Gamb., 1896, 63.—Guenther, 1858, 205.—Hoyle, 1890, 538.—Huber, 1896, 501.—Ijima, 1889b, 122.—Kholodk., 1898, 34; 1899a,

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- 153.—Kuech., 1855, 180–182.—Kuech. & Zuern, 1882, 285.—Leuck., 1863, 526, 633–634.—Moniez, 1896, 86, 152, 153.—Mont., 1892, 713 (of Nord.).—Mosler & Peiper, 1894, 185.—Rayer, 1843, 114, 116, 149.—Stiles, 1898a, 48; 1902, 25, 27, 28; 1905, 54.—Swart, 1862, 34.—Vogt, 1878, 10; 1878, 13.—Wagner, 1876, 122; 1883, 122.—Ward, 1895, 328 (in Homo); 1903, 866 (syn. of Agamodist. ophthalmobium Dies.).—Weinland, 1859, 280.—Wood & Fitz, 1897, 335.
- leporis* Kuhn, 1829, 464, pl. 11, figs. 6–7 (t. h. *Lepus cuniculus*).—Baillet, 1866b, 107.—Brand., 1892, 510.—Cobbold, 1860a, 39 (renamed kuhni): 1879b, 318.—Dav., 1877a, lxxiii.—Dies., 1850a, 330.—Mont., 1892, 42; 1892, 712, 713.—Rail., 1890, 132–133; 1893a, 216, 339 (= *Cysticercus pisiformis*); 1893, 339.—Stiles, 1902a, 27; 1906, 42.
- liguloidum* Dies., 1850a, 320 (t. h. *Vastres cuvieri*; Borbæ, Brazil).—Brand., 1892, 506.—Braun, 1892a, 567, 586; 1893a, 916; 1894a, 1147.—Dies., 1850a, 320; 1855, 62, pl. 1, figs. 25–29; 1858e, 324.—Mont., 1892, 2 (to *Amphilina*); 1892, 716 (to *Amphilina*).
- limacoides* Dies., 1835a, 421 (= *Aspidogaster limacoides*).
- lineare* Rud., 1819a, 83–84, 343–344 (t. h. *Tringa vanellus*) to (Monost.).—Baillet, 1866b, 107.—Blainv., 1828a, 582.—Brand., 1892, 508.—Bremser, 1824, pl. 8, figs. 8–9.—Crep., 1839, 285.—Dies., 1850a, 411 (syn. of *Notocotyle triseriale* Dies.).—Duj., 1845a, 349.—Hass., 1896a, 3 (syn. of *Noto. verrucosum* Frölich).—Rail., 1893, 340.—Nord., 1840, 625.—Sieb., 1835, 50.
- loliginis* (delle Chiaje, 1841) Par., 1894, 169 (in *Loligo* sp.; Naples).
- lucaneum* Brand., 1902, 511, for *lucanica*.
- lucania* Leidy, 1904a, 143, for *lucanica*.
- lucanica* Leidy, 1877, 200–201 (in *Planorbis parvus*; U. S. A.) to (Glenocerc.); 1904a, 143–144.—Brand., 1902, 511 (*lucaneum*).—Linst., 1889a, 122 (*lucanicum*).
- lucanicum* Linst., 1889a, 122 (see *lucanica*).—Mont., 1892, 717.
- macrorchis* Brand., 1892, 508 (in marine turtles).—Braun, 1893a, 915; 1899b, 715, 722; 1901b, 38, 54, 58.—Looss, 1899b, 756.
- macrostomum* Rud., 1809a, 337–338 (t. h. *Larus cinerarius*; Greifswald), to (Monost.); 1819a, 86.—Brand., 1892, 510.—Braun, 1893a, 915.—Dies., 1850a, 330.—Duj., 1845a, 358.—Mont., 1892, 706, 709.—Olfers, 1816, 48.
- macrurum* Schlotthauber, 1860, 129 (in *Corvus glandarius*).
- marænulæ* Rud., 1809a, 339–340 (t. h. *Salmo marenula*; Europe) to (Hypost.); 1819a, 87.—Brand., 1892, 510 (to *Monostomulum*).—Braun, 1893a, 871.—Dies., 1850a, 329.—Mont., 1892, 717 (*marenulæ*).—Also reported for *Coregonus albula*.
- marenulæ* Mont., 1892, 717 (for *marenulæ*).
- marilæ* Rud., 1819a, 87 (in *Anas marila*).—Dies., 1850a, 411 (*marillæ*, syn. of *Notocotyle triseriale*).
- marillæ* Dies., 1850a, 411 for *marilæ*, 1819.
- micropterygis* (Richiardi, 1902) Ariola, 1902, 103 (syn. of *Didymost. bipartitum* Wedl.).
- microstomum* Crep., 1829, 1, 49–50, pl. 1, figs. 10–11 (t. h. *Fulica atra*; Greifswald); 1837, 314.—Ben., 1858a, 1861a, 70 (syn. of *Monost. mutabile*).—Braun, 1892a, 658.—Dies., 1850a, 323 (syn. of *M. mutab.*).—Nord., 1832a, 85.—Rail., 1893a, 338 (= *M. mutab.*).—Sieb., 1835, 50.—Stoss., 1902, 2, 13 (syn. of *Cyclocœlum mutabile*).
- minutissimum* Stoss., 1896, 130 (in *Anas boschas*; Doberdò); 1898, 63.
- mola* Rud., 1819a, 87, 350–351 (t. h. *Orthagoriscus mola*; Naples).—Dies., 1850a, 359 (syn. of *Dist. okenii*).—Mont., 1893, 137.
- molle* Leidy, 1856, 43 (t. h. *Sternotherus odoratus*; U. S. A.); 1904a, 86.—Brand., 1892, 510.—Braun, 1893a, 876, 915; 1901b, 54.—Dies., 1858e, 328 (in *Ster. od.*).—Mont., 1892, 715; 1896, 165.—Stiles & Hass., 1894e, 414, to *Dist. (Polyorchis)*; 1894h, 162; 1895a, 737.
- murænulæ* Cobbold, 1860a, 43, for *marenulæ* = *M. braunii* Cobbold.

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- mutabile* Zed., 1800, xvi, 150, 154–155 (t. h. *Fulica chloropus*; Germany); 1803, 189, pl. 3, fig. 1.—Aitken, 1866, 838; 1872, 204.—Baillet, 1866b, 91, 107.—Ben., 1858a, 1861a, 66, 68, 69–77, 79, 99, 171, 172, 179, 193, 202, 203, 204, 206, 211, 213, 214, 215, 223 (syn. *M. microstomum*), 256, 336, pl. 12, figs. 1–20.—Biehinger, 1884, 7.—de Bonis, 1882, 102.—Brand., 1892, 507, 508.—Braun, 1890a, 510; 1892, 51–52; 1892a, 584, 587, 590, 627, 642, 648, 658, 661, 663, 673, 674, 678, 715, 727, 761, 768, 769, 776, 780, 781, 784, 785, 786, 787, 805, 813; 1893a, 818, 820, 876, 879, 880, 883, 915; 1893b, 176, 179, 187; 1898d, 468; 1894a, 1166; 1895b, 17; 1896a, 1255; 1899, 467; 1901c, 346.—Crep., 1837, 314, 323, 324, 325.—Darr, 1902, 675.—Desmonceaux, 1868, 21.—Dies., 1836, 248; 1850a, 323–324 (syns.: *M. vanelli* Rud., *M. himantopodis* Rud., *Dist. calidris* Rud., *M. microstomum* Crep.); 1855a, 382; 1858c, 325 (in *Anas anser*); 1859c, 425 (in *Totanus calidris*, *Rallus aquaticus*, *Gallinula chloropus*, *Anas nigra*; Belgium).—Duj., 1845a, 351–355.—Erc., 1881e, 57, 86; 1882a, 293, 322.—Eschricht, 1853a, 231; 1855, 2.—Fil., 1854a, 5, 15; 1855b, 13, 24; 1857c, 12.—Florence, 1866a, 3, 5, 6.—Fraip., 1880c, 417.—Fuhrmann, 1904, 59 to (*Cyclocœlium*); 1904, 61.—Hass., 1896b, 1 (in *Meleagris gallopavo*).—Hoyle, 1890, 535, 539 (type of *Monost.*).—Jackson, 1888, 647, 649.—Kath., 1894a, 130.—Knoch, 1862, 58, 64, 73.—Kœlliker, 1849, 57.—Leidy, 1885, 10.—Leuck., 1842, 35–37, pl. 1, fig. 12a. b.; 1863a, 33, 487, 491, 496, 502, 503, fig. 1, 167; 1879, 40, 141, fig. 17; 1886d, 30, 109, fig. 17.—Levin., 1881a, 57.—Looss, 1894a, 204; 1896b, 150; 1899b, 660, 661; 1901, 192 (type of *Cyclocœlium*); 1902m, 701, 702, 719, 720, 730.—Lucbe, 1901, 174.—Magalhães, 1899, 258, 259, 260.—Mégnin, 1890c, 87, 88, 89 (*Monostoma*), fig. 1.—Mehlis, 1831, 171.—Mont., 1888, 37, 56, 57, 67, 73, 76; 1892, 26–27; 1892, 28; 1892, 684, 685, 686, 690, 691, 692, 696, 697, 698, 699, 700, 701, 704, 705, 706–707, 708, 709, 710, 713 (syn. *M. lanceolatum* Wedl, *M. micropunctatum* Linst.) (in *Falco hamatus*, *F. milvoides*; Brazil); 1893, 83, 84, 209.—Moul., 1856a, 12, 22, 23, 45, 46, 47, 50, 56, 70, 97, 98, 99, 100, 102, 107–108, 207, 208.—Much., 1898, 12, 31.—Nord., 1832a, 56, 85, 93; 1840, 616, 617.—Olfers, 1816, 48.—Pag., 1857, 7.—Par. & Perugia, 1893, 1.—Rail., 1893a, 338 (syns.: *M. microstomum* Crep., *M. attenuatum* Mol. not Rud.); 1898, Oct., 627–628 (in geese).—Rud., 1809a, 333–334 to (*Monost.*); 1819a, 85.—Schneidemuehl, 1896, 303.—Sieb., 1835, 49–83, pl. 1, figs. 1–9 (in *Anas anser* dom., *Fulica atra*, *Gallinula chloropus*, *Grus cinerea*, *Rallus aquaticus*); 1850, 671, 672; 1854, 21, 22, 23.—Spengel, 1892.—Steenstrup, 1842, 40, 49, 56.—Stein, 1882, 1.—Stoss., 1889, 184; 1901, 92 (4) (in *Himantopus candidus*; Roma); 1902, 1–40, pls. 1–9; 1902, v. 9 (13), 406–407; 1905 (vii), 62.—Thomson, 1855, 188.—Verrill, 1870, 179.—Vogt, 1878, fig. 30.—Wagener, 1857, 22, 24, 26, 45, 52, 67.—Zerneck, 1895, 61.—Ziegler, 1905, 36, 37 (in *Gallinula chloropus*).—Also reported for *Anser cinereus* dom., *Crax alector*, *Fuligula marila*.
- mutabile* Zed., 1902, 13, to *Cyclocœlium*.
- mutabile* of Ben., 1858a, 69, pl. 12; of Dies., 1859c, 425; of Par., 167; and of Stoss., 1891, v. 13, 111.—Stoss., 1902, 15 (syn. of *Cyclocœlium ovopunctatum*).
- mutabile* of Sieb., 1835, 49; of Dies., 1858e, 325; of Dav., 1877a, lxxiii; and of Mueh., 1898, 31.—Stoss., 1902, 20 (syn. of *Cyclocœlium arcuatum*).
- nematoides* Crep., 1846, 129 (in *Falco albicilla*).
- nephriticum* Mehlis in Crep., 1846, 138 (t. h. *Colymbus arcticus*).—Brand., 1892, 509.—Braun, 1893a, 877, 915; 1893d, 467.—Cohn, 1904, 230 (to *Eucotyle*), 237.
- nepbrocephalum* Dies., 1858e, 327 (*M. renicapite* renamed) (in *Sphargis coriacea*; America).—Braun, 1899, 627; 1901b, 52.—Mont., 1892, 715.
- nigropunctatum* Linst., 1883, 310, pl. 9, fig. 52 (in a bird “*Akatza*,” Turkestan).—Brand., 1892, 507.—Braun, 1892a, 784, 786 (in birds; Turkestan); 1893a, 915.—Mont., 1892, 26; 1892, 698, 706, 707 (syn. of *M. mutabile*).—Stoss., 1902, 5, 6.
- noctula* Cobbold, 1860a, 39 (*M. vespertilionis* Rud., renamed) (in *Vespertilio noctula*).—Mont., 1892, 712.
- obscurum* Leidy, 1887, 24 (in *Megalops thrissoides*; Coll. Army Med. Mus., Wash.); 1904a, 197.—Brand., 1892, 510.—Braun, 1893a, 874, 915.—Mont., 1892, 716, 717.
- oreatum* (Gœze, 1782) Zed., 1800a, xvi, 150, 152–154; 1803a, 189.—Bellingham, 1844a, 337.—Blainv., 1828a, 582.—Bremser, 1824c, pl. 8, figs. 10–11.—Cobbold, 1860a, 39 (includes *Dist. lorum* Duj., *Fasc. ocreata* Gœze not Rud., *Cucullanus ocreatus* Schrank, *C. talpæ* Mueller); 1879b, 296.—Crep., 1839a,

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- 285.—Dies., 1850a, 326 (syns.: *Fasc. ocreata* Goeze, *Cucullanus talpae* Mueller, *C. ocreatus* Schrank, *Dist. lorum* Duj.); 1858e, 328 (in *Talpa europaea*; Ireland).—Duj., 1845a, 344.—Kuech., 1855, 181.—Lamarck, 1816b, 187.—Looss, 1901, 192 (= *Dist. lorum* Meln.).—Mont., 1888a, 7.—Nord., 1840, 624 (syns.: *Fasc. ocreata* Goeze, *Cucullanus ocreatus* Gmelin).—Olfers, 1816, 48.—Rud., 1809a, 329–331 to (*Monost.*); 1819a, 84.—Schlotthauber, 1860, 129.—Stoess., 1892, 17 (syn. of *Dist. lorum* Duj.), 18 (*acreatum*) (syn. *Dist. lorum* Duj.).—Walter, 1866, 65.
- octopodis* delle Chiaje, teste in Mont., 1892, 717, 718.—Par., 1894, 169 (in *Octopus vulgaris*; Naples).
- oculobium* Cohn, 1902d, 712 (in *Vanellus melanogast.*; Greifswald Coll.).—Engler, 1904, 186.—Fuhrmann, 1904, 59, 61.
- orbicolare* Sons., 1891, 262, for *orbiculare*.
- orbiculare* Rud., 1819a, 83, 342 (t. h. *Sparus salpa*; Naples) to (*Monost.*).—Barbagallo & Drago, 1903, 411 (in *Box salpa*, *Oblata melanura*; Catania).—Brand., 1892, 509.—Braun, 1892a, 567, 568, 603, 635, 640, 650, 651; 1893a, 915.—Dies., 1850a, 320.—Duj., 1845a, 360.—Lint., 1898, 541–542, pl. 54, figs. 2–5 (in *Lobotes surinamensis*; Woods Hole); 1901, 416, 457.—Luehe, 1901d, 49–60, figs. 1–5; 1901e, 235–236; 1901f, 421.—Mont., 1888a, 7, 16, 41, 42, 43; 1892, 685, 687, 689, 690, 694, 697, 698, 699, 700, 701, 703, 716.—Par., 1887, v. 30, 15; 1894, 592.—Sons., 1891, 262 (*orbiculare* in *Box salpa*).—Stoess., 1883, 111; 1898, 65 (in *B. salpa*; Trieste).
- ornatum* Leidy, 1856, 43 (t. h. *Rana pipiens*).—Brand., 1892, 510.—Braun, 1893a, 877, 915.—Dies., 1858e, 326 (in *R. pip.*; Philadelphia).—Mont., 1892, 685, 697, 698, 715.—Staff., 1902, 724.
- ovatum* Mol., 1859, 822–824, pl. 2, figs. 2–4 (in *Gallinula crex*; Padua).—Brand., 1892, 508.—Braun, 1893a, 916; 1893b, 185.—Looss, 1899b, 662, 663.—Mont., 1892, 38, 40–41 (syn. of *Notocotyle verrucosum*); 1892, 706, 709.—Odhn., 1905, 368.—Stoess., 1902, 5.—Also reported for *Crex pratensis*.
- pandum* Braun, 1901a, 48–50, fig. 17 (in *Thalassochelys caretta*; Naples).
- petasatum* Deslongchamps, 1824ee, 511 (t. h. *Hæmatopus ostralegus*; Caen).—Brand., 1892, 505, 509.—Braun, 1892a, 568; 1893a, 874, 915.—Dies., 1850a, 330.—Duj., 1845a, 350–351.—Looss, 1902m, 610.—Mont., 1888, 7; 1892, 706, 709.—Villot, 1878, 18–20, pl. 5, fig. 1 (in *Strepsilas interpres*).
- pileatum* (Rud., 1802) Zed., 1803, 188 (in *Sterna hirundo*).—Dies., 1850a, 314 (to *Holost.*).—Olfers, 1816, 48.—Rud., 1809a, 338–339; 1819a, 90 (to *Amphist.*).
- pingue* Mehlis in Crep., 1846, 138 (t. h. *Colymbus cristatus*).—Brand., 1892, 509.—Braun, 1893a, 877, 915; 1893d, 467.—Cohn, 1904, 230, 232, 233 (to *Renicola*), 235 (syn. of *Taphrogonyms holostomoides*).
- plicatum* Crep., 1829a, 878–880, pl. 52, figs. 9–11 (t. h. *Balaena rostrata*; Rügen).—Ben., 1870, 357.—Brand., 1892, 509.—Braun, 1892a, 605.—Cobbold, 1879b, 421.—Dies., 1850a, 324.—Duj., 1845a, 344.—Jägers., 1891b, 32 pp., figs. 1–16 (anatomy); 1892a, 572–573 (see *Ogmogaster plicatus*).—Mont., 1892, 696, 704, 713; 1893, 203.—Odhn., 1905, 366 (to *Ogmogaster*).—Also reported for *Balaena mysticetus*.
- præmorsum* Nord., 1832, 55–56, 96 (t. h. *Cyprinus brama*).—Brand., 1892, 511 (to *Monostomulum*).—Braun, 1893a, 871, 915.—Dies., 1850a, 322 (in *Abramis brama*; Berlin).—Duj., 1845a, 363.—Kroyer, 1846–53a, 388 (in *Abr. br. L.*).—Mont., 1892, 685, 696, 697, 698, 716.—Walter, 1866, 65.
- prismaticum* Zed., 1800a, xvi, 150, 151–152 (t. h. *Corvus frugilegus*; Europe).—Brand., 1892, 510.—Braun, 1893a, 876, 915.—Dies., 1850a, 328.—Duj., 1845a, 349.—Looss, 1901, 192, 193 (type of *Monost.* by elimination; see, however, *mutabile* and p. 308); 1902m, 700, 701, 702, 703, 707, 717, 718, 719, 720, 721, 729, 730.—Mont., 1892, 685, 699, 713, 714.—Luehe, 1901, 174.—Olfers, 1816, 48.—Rud., 1809a, 334–335 to (*Monost.*); 1819a, 85.
- proteus* Brand., 1891, 19, 22, 32; 1892, 567, 570, 571, pl. 22, figs. 5, 6 (in *Chelonia viridis*); 1892, 508.—Bettend., 1897a, 11; 1897, 315.—Brand., 1891d, 19, 22, 23.—Braun, 1893a, 915 (in *Chelone midas*); 1893b, 176, 177, 185 (in *Chelonia viridis*); 1899b, 715, 722; 1901b, 38.—Darr, 1902, 673.—Looss, 1894a, 186, 204; 1899b, 661, 662, 668, 869, 756, 767–770, to *Baris* as type; 1902m, 619, 626, 632, 636, 647, 653, 669, 678, 685 (of Walter, 1893, 197, pl. 10, figs. 13, 18, 19, as syn. of *Octangium sagitta*), 694 (of Walter, 1903, 196, figs. 22–23 to *Deutero-baris*).—Luehe, 1901, 58.—Mont., 1893, 213, 214.—Ofenheim, 1900, 148, 167.—Shipley, 1900, 533, 539.—Walter, 1892, 248, 249, 250; 1893, 196, 197, pl. 10, figs. 13, 18, 19, 22–23.

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- pseudamphistomum* Crep., 1846a, 146 (t. h. *Chelonia mydas*).
- pumilio* Looss, 1896b, 154–158, pl. 10, figs. 101–106 (in *Pelecanus onocrotalus*; Cairo); 1899b, 670 (type of *Haplorchis*), 753.
- renicapite* Leidy, 1856b, 43 (t. h. *Sphargis coriacea*); 1904a, 86.—Brand., 1892b, 510 (in *Dermatochelys coriacea*).—Braun, 1893a, 915; 1899, 627–629; 1899b, 715, 721, 722; 1901b, 38, 52–53, fig. 25.—Dies., 1858e, 327 (renamed *nephrocephalum*) (in *Sphargis coriacea*; America).—Mont., 1892, 685, 711, 714, 715.
- reticulare* Ben., 1859, 84–85, pl. 2, figs. 7–10 (t. h. *Chelonia midas*); 1858a, 1861a, 193.—Brand., 1892, 508.—Braun, 1892a, 651; 1893a, 916; 1893b, 185 (in *Ch. viridis*); 1899b, 715, 721, 722, 725; 1901b, 38, 54.—Jackson, 1888, 647.—Looss, 1894a, 186, 202, 204; 1899b, 756, 763, 765, 766, 767, 769; 1902m, 632, 643, 661, 662, 666, 688 (of Walter, 1893, 193, pl. 10, figs. 5, 6, 8a, syn. of *Polyangium linguatula*), 690, 691 (to *Microcephidium*), 720.—Mont., 1892, 714, 715.—Shipley, 1900, 533, 539.—Walter, 1892, 248, 249.
- rhombi lævis* Dies., 1858e, 328 (in *Rhombus lævis*; Trieste), based on Wedl, 1855, 380, 394, pl. 2, 14.—Braun, 1893a, 871.—Mont., 1892, 717 (*rombi-lævis*).
- rombi-lævis* Mont., 1892, 717 (for *rhombi-lævis*).
- rubrum* Kuhl & van Hasselt, 1822a, 113; 1824a, 311 (in *Chelonia midas*; Iles des Cocotiers).—Braun, 1899b, 721, 723, 724; 1901b, 38, 50–52, figs. 26, 28.—Crep., 1846, 146.—Dies., 1850a, 325 (syn. of *M. trigonocephalum*).—Looss, 1899b, 667, 756; 1902m, 555.—Shipley, 1900, 532.
- sacidiornicola* Stoss., 1902, 34 (for *sarcidiornicola*).
- sarcidiornicola* Ménézin, 1890c, 87–90, fig. 2 (in *Sarcidiornis melanota*; Madagascar); 1890, 685–687, fig. —Braun, 1899, 468.—Mont., 1892, 28–31; 1892, 685, 686, 687, 697, 704, 706, 708, 709, 710, 713 (in *Sar. mel.*).—Stoss., 1902, 9, 33, 34 (*sacidiornicola*) (to *Typhlocœlum*).
- semifusum* Olss., 1876, 28 (in *Sula bassana*; Lund).—Brand., 1892, 505, 509.—Braun, 1893a, 916 (in *S. bas.*).—Mont., 1892, 706, 710.
- sepiolæ delle Chiaje*, teste Crep., 1846a, 158.—Mont., 1892, 717, 718.—Par., 1894, 169.
- settenii* Numan, (1840), 358 (eye of horse).—Anacker, 1890m, 506.—R. Bl., 1888a, 542.—R. Bl. & Rail., 1891a, 26–28 (œstrid larva).—Braun, 1889a, 337; 1891d, 424.—Dies., 1850a, 617 (to *Pentast.*).—Moniez, 1896, 154.—Mont., 1892, 713.—Rail., 1895, 772.—Sieb., 1842, 299.—Stiles, 1902a, 28 (= larval dip-teron).—Ward, 1895, 338 (in *Equus caballus*).
- spathulatum* Dies., 1859c, 426 (for *spatulatum*).—Mont., 1892, 685, 697, 698, 716.
- spatulatum* Leidy, 1859, 111 (in fish).—Dies., 1859c, 426 (*spathulatum*) (in American fish).—Mont., 1892, 685, 697, 698, 716.
- species* Brand., 1891d, 19 (*Monostomum*).
- species* Braun, 1891e, 8.—Mont., 1892, 713.
- species* Braun, 1901b, 50 (in *Chelone mydas*).
- species* Kroyer, 1846–53a, 462; 1852–53a, 1224 (in *Leuciscus idus* L.).
- species* Lint., 1901, 416, 439; 1905, 335, 356, 360, 367, figs. 217, 226–229 (in *Fundulus majalis*, *Menidia menidia*, *Orthopristis chrysopterus*, *Trachinotus carolinus*).
- species* Stoss., 1902, 34–35 (in *Grus cinerea*).
- species* Stoss., 1902, 35 (in *Mergus albus*).
- species* Stoss., 1902, 36 (in *Machetes pugnax*; Berlin).
- species* Stoss., 1902, 36 (in *Fulica atra*; Seeburg).
- species* Stoss., 1902, 36 (in *Grus cinerea*; Luckenwalde).
- species* Piesbergen, 1886, 356.—Mont., 1892, 716 (in *Cobitis barbatula*).
- species* Villot, —.—Mont., 1892, 706 (in *Strepsilas interpres*).—See Lint., 1878a, 133.
- spinosissimum* Mont., 1892, 689 (for *spinosissimum*).
- spinosissimum* Stoss., 1883, 112, pl. 2, fig. 8 (in *Box salpa*; Trieste); 1898, 64.—Barbagallo & Drago, 1903, 411 (in *Box salpa*; Catania).—Brand., 1892, 509.—Braun, 1891d, 421; 1892a, 583, 651, 700, 765; 1893a, 916.—Looss, 1899b, 669, 670.—Luehe, 1901, 58, 59, 60.—Mont., 1892, 689 (*spinosissimum*), 697, 699, 702, 705, 716.—Type of *Centroderma* 1901.

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- spirale* Dies., 1850a, 325 (t. h. *Hypsilophus tuberculatus*, *Podocnemis tracaxa*, *Chelonsidia tuberculatus*; Brazil); 1855, 63, pl. 2, figs. 10–13; 1858e, 326 (in *Hyp. tub.*).—Brand., 1892, 507.—Braun, 1892a, 567, 569, 709; 1899, 631; 1901b, 54–55.—Cobbold, 1860a, 41.—Mont., 1888, 7, 8; 1892, 35; 1892, 685, 696, 697, 698, 714, 715.—Stoss., 1895, 232 (to Dist.).
- squamula* (Rud., 1819) Dies., 1850a, 321 (in *Mustela putorius*; Jan., Tolosæ).—Brand., 1892, 506.—Cobbold, 1860a, 38.—Stoss., 1892, 20 (to Dist.).
- stossichianum* Mont., 1892, 12, 19, figs. 5, 7, 11, 15, 18 (includes *M. capitellatum* of Stoss., 1883, 2, pl. 2, fig. 9; Carus, 1884, 122, pars; Parona, 1886, 5, 7, nota 2; 1887, 489; Setti, 1891, 4) (in *Box salpa*; Italy “del nostro golfo”); 1892, 685, 686, 687, 688, 689, 694, 695, 696, 697, 698, 699, 700, 702, 703, 705, 716; 1893, 15, 16, 17, 24, 35, 83, 84, 115, 116.—Brand., 1892, 507, 509.—Braun, 1893b, 178, 179.—Looss, 1899b, 669.—Luche, 1901, 58, 59, 60.—Stoss., 1898, 63–64 (in *Box salpa*; Triest).
- sulcatum* Rud., 1809a, 337 (t. h. *Rana pipa*, intestine) to (Monost.); 1819a, 86.—Brand., 1892, 510.—Braun, 1893a, 916 (in *Pipa americana*).—Dies., 1850a, 325–326.—Duj., 1845a, 359.—Mont., 1892, 715, 716.—Olfers, 1816, 48.
- tenuicolle* Rud., 1819a, 85, 346–347, 577, pl. 2, figs. 1–4 (t. h. *Lampris guttatus*; Groningæ) to (Monost.).—Ben., 1858a, 1861a, 111, 199, 200; 1870, 87.—Blainv., 1828, 582 (tenuicollis).—Dies., 1850a, 359 (syn. of Dist. affine Dies.) (in *Lam. gutt.*); 1859c, 430.—Duj., 1845a, 361–362.—Mont., 1888a, 9; 1893, 150.—Schmalz, 1831, 16, pl. 6, figs. 10–12 (in *Lam. gutt.*).
- testudinis* M. S. Vienna Coll. in Braun, 1899, 630 (= Dist. *scyphocephalum* Braun).
- tethys* delle Chiaje teste Mont., 1892, 717.
- thethydis* delle Chiaje, teste E. Bl., 1847a, 309.
- thetycola* (delle Chiaje), teste Pag., 1862, 298.
- todari* delle Chiaje see Mont., 1892, 717, 718.—Par., 1894, 168 (in *Ommastrephes todarus*; Naples).
- totari* delle Chiaje.—E. Bl., 1847a, 309, see *todari*.
- trigonocephalum* Rud., 1809a, 336–337 (t. h. *Testudo mydas*; Europe) to (Monost.), includes *Planaria mydæ* Braun MS.; 1819a, 86, 349.—Bellingham, 1844a, 337.—Ben., 1858a, 1861a, 193.—Brand., 1892, 508.—Braun, 1891d, 424 (in *Thalassochelys corticata*; 1892a, 568; 1893a, 916; 1899b, 715, 721, 722, 723, 725; 1899, 627, 628; 1901b, 38–45 (originals in stomach of *Chelone mydas*), 45 (pars of Rud. 1819a, Dies., 1850a, Shipley, 1900, syn. of *Monost. album*), 46, 48, 49, 50, 51 (pars of Dies., 1850a, Shipley, 1900, syn. of *M. rubrum*), 52, fig. 29; 1901c, 346.—Dies., 1850a, 325 (syns. *Planaria mydæ* Braun, *M. rubrum et album* Kuhl & Hasselt); 1858e, 327 (in *Chelone (Eretmochelys) imbricata*).—Duj., 1845a, 358–359.—Looss, 1894a, 204; 1899b, 666, 756 type of *Prionocephalus* [see *obliquus*]; 1901, 566, 567, 568; 1902m, 413, 527 (of Braun, 1901, 38, syn. of *Prionocephalus obliquus*), 529, 531, 548 (to *Pleurogonius*), 549 (original species contained 2 forms) (of Shipley, 1900, 532, pl. 54, figs. 1–7, syn. of *Ricocephalus delitescens*), 550, 551, 552, 556, 557, 558 (of Ben., 1859, 81, pl. 2, fig. 5, and Walter, 1893, 191, fig. 1, pl. 10, syn. of *Pleurogonius longiusculus* Looss), 561, 562, 563, 564, 580, 582 (= *Pleurog. long.* Looss), 584, 591, 595, 596, 713, 714, 716.—Mont., 1892, 685, 686, 687, 689, 694, 695, 696, 697, 698, 702, 703, 709, 711, 714, 715, fig. 5; 1893, 213.—Moul., 1856a, 23.—Olfers, 1816, 48.—Shipley, 1900, 532–540, fig. A. B., pl. 54, figs. 1–7.—Stoss., 1891, 111.—Walter, 1892, 248; 1893, 30 May, in 189–235, pls. 10–12.—Reported also for *Halichelys atra*.
- tringa* Brand., 1892b, 507 to *Cyclocelum*, 508.—Braun, 1893a, 876, 916; 1899, 467.—Looss, 1899b, 660.—Stoss., 1902, 26, fig. 26 (to *Hæmatotrephus*) (in *Tringa variabilis*; Tor, Peninsula of Sinai).
- triseriale* (Dies., 1839) Dav., 1860, xlviii; 1877a, lxxiii.—Baillet, 1866b, 107 (syn. of *M. verrucosum*).—Hoyle, 1890, 539.—Verrill, 1870, 179.
- vanelli* Rud., 1819a, 87, 350 (t. h. *Tringa vanellus*; Mus. Vien.).—Dies., 1850a, 323 (syn. of *M. mutabile* Zed.).—Sieb., 1835, 50 (in *Vanellus cristatus*).
- variabile* (Nitzsch, 1857) Dav., 1860, xlviii; 1877, lxxiii.—Verrill, 1870, 179.
- ventricolum* Rud., 1809a, 334, misprint for *verrucosum*.
- verrucosum* (Rud., 1802) Rud., 1809a (ventricolum, p. 334), 335–336, 339; to (Monost.); 1819a, 86 (in *Motacilla lusciniæ*; Gryphæ).—Brand., 1892, 509.—Braun, 1893a, 876, 916.—Dies., 1850a, 328 (syn. *Festucaria vent.*).—Duj., 1845a, 348–349.—Mont., 1892, 713, 714.—Olfers, 1816, 48.

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- verrucosum* (Frölich, 1789) Zed., 1800a, xvi, 150, 155–159.—Anacker, 1887c, 513.—Baillet, 1866b, 107 (syn. *M. triseriale*).—Baird, 1853a, 45.—Bellingham, 1844, 336.—Ben., 1858a, 1861a, 72, 77–81, 179, 189, 190, 193, 197 (syns. Fasc. ver., *F. anseris*, *Festucaria pedata*, *Notocotyle triseriale*, *Notocotylus triserialis*) (in *Anas tadorna*).—Ben., 1859, 77–80.—E. Bl., 1847, 304–308, pl. 13, fig. 2.—Brand., 1892, 508.—Braun, 1891d, 421; 1892a, 709, 762, 764; 1893a, 874, 891; 1893b, 177, 185; 1893d, 468; 1901b, 39.—Cobbold, 1872b, 90; 1877, 238; 1879b, 41, 440.—Crep., 1839, 285; 1846, 141.—Dies., 1839, 234; 1850a, 411 (syn. of *Notocotyle triseriale* Dies.); 1858c, 369 (syn. of *Notocotyle triserialis* Dies.) (in *Anas anser* dom. et ferus, *Hæmatopus ostralegus*, *Fulica atra*); 1859c, 437 (syn. of *Notocotyle triserialis*) (in *Anas tadorna*, *Planorbis*, *Lymnæus*; Belgia).—Duj., 1845a, 355–358, pl. 8, fig. B.—Hass., 1896a, 3 (to *Notocotyle*).—Hoyle, 1890, 539 (= *Notocotyle triseriale*).—Jackson, 1888, 642.—Lamarck, 1816b, 187.—Levinson, 1881a, 78 (in *Somateria mollissima*).—Looss, 1896b, 146–153, 192–197, 228, pl. 10, figs. 94–100, pl. 14, figs. 146–151 (in *Canard* dom.; Alexandria) (syns.: *Notocotyle triseriale*, *N. verrucosum*); 1899b, 661, 662, 663, 664; 1901, 192 (taken by Dies. as representative of *Notocotyle*).—Mol., 1859, 823.—Mont., 1888, 67; 1892, 26, 27, 40 (to *Notocotyle*); 1892, 685.—Mueh., 1898, 31, 32.—Nord., 1840, 602 (syn. of *Nocotylus triserialis*), 624 (syn. Fasc. verr. Fr.).—Odhn., 1905, 366, 367, 368, 369, 370 (to *Catartopis*) (of Looss, 1896, syn. of *Notocotyle ægyptiaca* Odhn.).—Olfers, 1816, 48.—Rail., 1893a, 340 (to *Notocotyle*).—Risso, 1826, 262.—Rud., 1809a, 331–333 (to *Monost.*) (includes Fasc. *anseris* Gmelin, *Festucaria pedata* Schrank); 1819a, 84, 344.—Schneidemuehl, 1896, 303.—Sieb., 1835, 56, 60 (in *Fulica atra*, *Gallinula porzana*, *Phasianus gallus*, *Rallus aquaticus*).—Sons., 1897, 252.—Verrill, 1870, 179.—Wedl, 1857, 248–250, pl. 2, figs. 9–14.—Wolfhuegel, 1900, 9, 55, 56, 57.—Will.-Suhm, 1870, 7.—Reported also for *Anas anser*, *A. bernicla*, *A. boschas fera*, *A. marila*, *A. mollissima*, *A. querquedula*, *A. segetum*, *Cygnus olor*, *Harelda glacialis*, *Machetes pugnax*, *Mergus merganser*, *Recurvirostra avocetta*, *Rhynchaspis clypeata*.
- vespertilionis* Rud., 1819a, 87 (t. h. *Vespertilio noctula*; Cat. Ent. Vien.).—Brand., 1892, 510.—Braun, 1893a, 916.—Dies., 1850a, 329–330 (in *Vesp. noc.*).—Kolenati, 1857, 11.—Mont., 1892, 712.—Also reported for *Vespertilio lasiopterus*, *Vespertigo noctula*.
- vinal-edwardii* Lint., 1901, 416, 470, figs. 373, 374, 375, 376; 1905, 329, 335, 379, 410, figs. 220–221 (in *Opsanus tau*, *Orthopristis chrysopterus*; Beaufort, North Carolina).
- vivipara* Linst., 1877, 185, pl. 13, fig. 16 (in *Paludina vivipara*).—Mont., 1892, 717
- wedlii* Cobbold, 1860a, 43 (= *M. rhombi lævis* Wedl, renamed) (in *Rhombus lævis*); 1879b, 463.
- zederi* Rud., 1805a, 44 [evidently not as specific combination, but as *Monostoma* Zed.].
- (MONOSTOMA) Rud., 1809a, typical subg. of *Monost.* in Rud., 1809a, 328–339 “ore antico, sive terminali.” As Rud. excludes *Festucaria anatis* from *M.* (*Monost.*), his typical subg. is to be construed as distinct from *Monost. Zed.* = *Festucaria* renamed, by which it is, however, antedated.
- attenuatum* Rud., 1809a, 328–329 (t. h. *Scolopax gallinago*, cæca; Griefswald). See also under *Monost.*
- capitellatum* Rud., 1819a, 83, 343 (t. h. *Sparus salpa*; Naples). See also under *Monost.*
- cornu* (Zed., 1800) Rud., 1819a, 85. See also under *Monost.*
- crenulatum* Rud., 1809a, 328 (t. h. *Motacilla phænicurus*, intest.; Griefswald). See also under *Monost.*
- crucibulum* Rud., 1819a, 83, 342–343 (t. h. *Muræna conger*, *M. cassini* (*M. myroides*); Naples) (to *Gasterost.* by Gervais & Ben., 1859) (to *Dist.* (*Crossodera*) by Duj. 1845a, 435). See also under *Monost.*
- ellipticum* Rud., 1809a, 333 (*M. bombynx* Zed., 1800, renamed). See also under *Monost.*
- filiolle* Rud., 1819a, 85–86, 347–348 (t. h. *Brama raji*; Naples). See also under *Monost.*
- foliaceum* Rud., 1819a, 83, 340–342 (t. h. *Accipenser sturio*; Arimini). See also under *Monost.*



## (MONOSTOMA)—Continued.

*galeatum* Rud., 1819a, 86, 349–350 (t. h. *Centronotus glaucus*; Naples) (to *Gasterost.*, by Stoss., 1898, 62). See also under *Monost.*

*lineare* Rud., 1819a, 83–84, 343–344 (t. h. *Tringa vanellus*). See also under *Monost.*

*macrostomum* Rud., 1809a, 337–338 (t. h. *Larus cinerarius*, intest.). See also under *Monost.*

*mutabile* (Zed., 1800) Rud., 1809a, 333–334. See also under *Monost.*

*ocreatum* (Gæze, 1782) Rud., 1809a, 329–331. See also under *Monost.*

*orbiculare* Rud., 1819a, 83, 342 (t. h. *Sparus salpa*; Naples). See also under *Monost.*

*pileatum* (Rud., 1802) Rud., 1809a, 338–339 (to *Amphist.*, by Rud., 1819a, 90). See also under *Monost.*

*prismaticum* (Zed., 1800) Rud., 1809a, 334–335. See also under *Monost.*

*sulcatum* Rud., 1809a, 337 (t. h. *Rana pipa*). See also under *Monost.*

*tenuicollis* Rud., 1819a, 85, 346–347, 577, pl. 2, figs. 1–4 (t. h. *Lampris guttatus*). See also under *Monost.*

*trigonocephalum* Rud., 1809a, 336–337 (t. h. *Testudo mydas*, stomach; Europe). See also under *Monost.*

*ventricosa* (Rud., 1802) Rud., 1809a, 335–336. See also under *Monost.*

*verrucosum* (Frœlich, 1789) Rud., 1809a, 331–333. See also under *Monost.*

**MONOSTOMATA** Zed., 1800a, 150, plural for *Monostoma*.—Dowker, 1882a, 11.

**MONOSTOMATIDÆ** Gamb., 1896a, 73.

**MONOSTOMEA** Mont.—Olss., 1893.

**MONOSTOMEÆ** Mont., 1888, 7, 8, 9, 11, 12, 14, 15, 16, 18, 34, 36, 37, 41, 47, 48, 51, 52, 53, 54, 56, 90, 92, 102, 105, 108; 1892, 689.—Brand., 1888a, 49.—Braun, 1893a, 886, 887.—Par. & Perugia, 1890, 9.

**MONOSTOMEN**, German for *Monostomata*.—Stiles, 1902, 25, 26.

**MONOSTOMES** Dechambre, 1875a, 196, French for plural of *Monostoma*.

**MONOSTOMEUS** Rafinesque, 1815, 151 (new name for *Festucaria* Schrank, hence type *F. anatis*; apparently intended for *Monostoma* as it is attributed to Zed.

[**MONOSTOMIA** Rafinesque, 1815, 150, order of *Epistomia*.]

**MONOSTOMIDA** Kolenati, 1857, 11.

**MONOSTOMIDÆ** Cobbold, 1877f, 326; 1879b, 4.—R. Bl., 1895, 729.—Brand., 1890a, 576; 1892, 505.—Braun, 1883a, 58; 1893a, 887, 890, 895, 900, 914; 1895b, 137.—Hoyle, 1890, 539 (includes *Monostomum*, *Monocotyle*).—Jackson, 1888, 642, 654 (*Monostomum*).—Kholodk., 1898, 25, 33.—Looss, 1899b, 541, 543, 658, 659, 752; 1901b, 192, 193; 1902m, 524, 700 (validity of fam. name), 701, 702, 707, 731, 838.—Luehe, 1901, 174; 1901, 488.—Mont., 1888, 7, 10, 18, 21, 52, 60, 66, 67, 93, 105; 1892, Oct. 7, 214 (fam. of suborder *Malacocotylea*); 1892, 713.—Mueh., 1898, 31.—Pratt, 1902, 890, 909 (includes *Microscaphidiinæ*, *Pronocephalinæ*, *Haplorchidinæ*).—Schneidemuehl, 1896, 295, 296, 303.—Stoss., 1898, 63; 1902, 11.

**MONOSTOMIDEA** Ben.—Carus, 1863, 479.

**MONOSTOMIDEN**, German name.—Brand., 1892b, 7 Oct., 504–511.

**MONOSTOMIDÉS** R. Bl., 1888a, 541, 542, French for *Monostomidæ*.

**MONOSTOMULUM** Brand., 1892b, 510 [collective group for immature forms; requires no type].—Stiles, 1902s, 25, 28.

*asperum* (Vaillant, 1863) Brand., 1892b, 510 [cf. *asperum* 1857], (in *Siren lacertina*, sub cute in caps.).

*delphini* (Blainv., 1825) Brand., 1892b, 510 (in *Delphinus dalei*, in adipe folliculo inclusum).

*dubium* (Cobbold, 1858) Brand., 1892b, 511 (in *Gasterosteus spinachia*, ovarial-peritoneum in caps.).

*lentis* (Gescheidt, 1833) Brand., 1892b, 510.—Stiles, 1902s, 24–35, pl. 3, figs. 2–5 (in eye of man); 1903u, 223.

*lucaneum* Brand., 1892b, 511. See also (Glenocerc.) *lucanicum*.

*marænulæ* (Rud., 1809) Brand., 1892b, 510 (in *Coregonus marænula*, ad ventric. in caps.).

*præmorsum* (Nord., 1832) Brand., 1892b, 511 (in *Abramis brama*, in regione branchiarum).

## MONOSTOMULUM—Continued.

*rhombi lævis* (Wedl, 1855) Brand., 1892b, 511.

*setteni* (Naumann, 1840) Brand., 1892b, 511.

*viviparæ* (Linst., 1877) Brand., 1892b, 511 (in *Paludina vivipara*).

MONOSTOMUM Crep., 1829, v. 1, 49, for *Monostoma* Zed., 1800.

MONOSTROMUM Linst., 1904p, 254, misprint for *Monostomum*.

MONOSTUMUM Mont., 1888, 69, misprint for *Monostomum*.

MUSALIA Shipley & Hornell, 1904, 93–95 (m. *herdmani*), pl. 3, fig. 51, pl. 4, figs. 58, 59, 65.

*herdmani* Shipley & Hornell, 1904, 78, 90, 93–95, pl. 3, fig. 51, pl. 4, figs. 58, 59, 65 (in *Margaritifera vulgaris*; Ceylon).

MUTTUA Shipley & Hornell, 1904, 90–93 (m. *margaritifera*).

*margaritifera* Shipley & Hornell, 1904, 78, 90–93, pl. 3, figs. 53–57 (in *Margaritifera vulgaris*; Ceylon).

NEMATOBOTHRIUM Mont., 1892, Oct. 7, 214 (g. of *Didymozoonidæ*) (for *Nematobothrium*).

NEMATOBOTHRIUM Ben., 1858a, 1861a, 11, 107–111, 200, 344, 345 (m. *filarina*; also by virtual tautonymy).—Braun, 1892a, 567, 569, 574, 577, 665, 696, 698, 699, 700, 707, 711, 727; 1893a, 878, 879, 886, 887, 890, 895, 914, 918; 1895b, 126, 136.—Gamb., 1896, 4, 73.—Hoyle, 1890, 539.—Jackson, 1888, 654.—Maclaren, 1904, 612, 613.—Moniez, 1891, 184–187.—Mont., 1888, 7, 18, 34, 52, 84, 93, 106; 1892, 6; 1892, Oct. 7, 214 (g. of *Didymozoonidæ*) (*Nemathobothrium*); 1893, 137.—Pratt, 1902, 890, 909.—Schneidemuell, 1896, 295.—Tasch., 1879, 607, 614; 1879, 72.

*benedeni* (Mont., 1893) Maclaren, 1904b, 613, to (*Didymozoon*).

*filarina* Ben., 1858a, 1861a, 108–109, pl. 13, figs. 1–12 (t. h. *Sciæna aquila* (*filarium* in descr. of plates); 1870c, 136–143, pl. 8, figs. 1–9 (embryonic form of); 1870, 32.—Braun, 1892a, 586, 784; 1893a, 914.—Cobbold, 1879b, 462.—Dies., 1859c, 426 (to *Monost.*).—Gamb., 1896a, 55, fig. 22A.—Jackson, 1888, 654.—Maclaren, 1904b, 602, 603, 606, 612, 613.—Mont., 1888, 9; 1893, 137.

*filarium* Ben., 1858, 1861a, descr. of plates, see *filarina*.

*guernei* Moniez, 1891, 184–187 (in *Thynnus alalonga*; Europe).—Braun, 1891d, 423; 1893a, 914.—Maclaren, 1904b, 603, 613.

*mola* Maclaren, 1904b, 573, 602–613, pl. 21, figs. 17, 19, 21, pl. 22, figs. 23–33 (in *Orthogoriscus mola*) (*Nemathobothrium*); 1904, June 9, 443–444; 1905, Jan. 31, 20–29; 1905, June, 317; 1905, Dec., 703.—Ziegler, 1905, 37.

*ternioides* (Mont., 1888) Maclaren, 1904b, 613, to (*Didymozoon*).

NEOPHASIS Staff., 1904, May 3, 485–486 (m. *pusilla*, *νέος*=new, *φάσις*=appearance).  
*pusilla* Staff., 1904, 485–486 (in *Anarrhichas lupus*; Canada).

(NEPHROCEPHALA) Dies., 1858d, 260–264, subg. of *Cerc.* (*Hormocerc.*), renamed, hence type probably *echinatoides*. [See, however, *infra*, p. 385.]

*echinata* (Sieb., 1837) Dies., 1858d, 260–262 (syn. *Cerc.* (*Hormocerc.*) *echinata* Sieb.) (in *Paludina vivipara*, *Planorbis corneus*, *Lymnæus stagnalis*), larva of *Dist. echinatum* Zed.); 1858c, 344 (to *Dist.*).

*echinatoides* (Fil., 1854) Dies., 1858d, 262–263 (syns. *Cerc.* (*Hormocerc.*) *echinatoides* Fil., *Cerc. echinifera* La Valette, *Dist. echiniferum* Pag.) (in *Paludina achatina*, *P. vivipara*); 1858c, 346 (syn. of *Dist. echiniferum* La Valette).

*megacotyla* Dies., 1858d, 263 (syn. *Dist. echinatoides* Pag. nec Fil.) (in *Anodonta cygnea*; Heidelberg).

*spinifera* (La Valette, 1855) Dies., 1858d, 263–264 (in *Planorbis corneus*; Berlin).

NEPHROCEPHALÆ Dies., 1858d, 260.

NEPHROCEPHALUS Odhn., 1902, 27–29 (m. *sessilis*), not *Nephrocephala*,<sup>a</sup> 1858; 1902, 42.—Pratt, 1902, 889, 907.

*sessilis* Odhn., 1902, 27–29 (in *Nilkrokodil*).

NEURONAIA Goodsir, (1844) (m. *monroi*).—Braun, 1889a, 341 (*Gasterost.*); 1893a, 844.

*lampetræ* Gulliver [1870, 849–850], 1872, 103, 425 (in *Planer's lamprey*; Stour River, Canterbury).—Brown, 1899a, 490 (in *lamprey*).

<sup>a</sup> In our opinion (*Nephrocephala*, 1858) does not preoccupy *Nephrocephalus*, 1902.

## NEURONAIA—Continued.

*monroi* Goodsir, (1844) (in *Gadus morrhua*).—Brown, 1899a, 490 (*munroi*).—Gulliver, 1872, 103, 425 (*monroii*).

*monroii* Goodsir teste Gulliver, 1872, 103, 425.

*munroi* Brown, 1899a, 490, for *monroi*.

NEURONAINA Brown, 1899a, 490 (see *Neuronaia*).

NITZSCHIA Haswell, 1892a, 458 (for *Nitzschia*).

NITZSCHIA Ben., 1858a, 1861a, 11, 38, for *Nitzschia*.

*hippoglossii* Ben., 1858a, 1861a, 21.

NITZSCHIA Baer, 1826a, 125 (m. elegans for *Hirudo sturionis* Abildg. renamed elegans) [not *Nitzschia* Denny, 1842, insect]; 1827b, 675–676, pl. 32, figs. 1–6.—Ben., 1858a, 1861a, 11, 38 (*Nitzschia*).—Ben. & Hesse, 1864, 64, 65, 66, 67–68.—Blainv., 1828a, 567–568.—R. Bl., 1888, 130.—R. Brand., 1891d, 9.—Braun, 1890a, 411, 412, 414, 423, 425, 435, 436, 440, 450, 451, 466, 474, 484, 485, 511, 515, 516, 517, 519, 523, 526, 527; 1890c, 597; 1891d, 422; 1893a, 889.—Burm., 1837a, 530; 1856a, 251.—Dies., 1850a, 290, 425–426 (syns. *Hirudo* Abildg., Trist. *Nitzsch*); 1858e, 313, 363 (mentions only elegans).—Gamb., 1896, 73.—Goldb., 1855, 19.—Haswell, 1892a, 458 (*Nitzschia*).—Johnston, 1865, 30; 1865, 33.—Masa, 1906, 43, 48.—Mont., 1888, 10, 13, 83, 86, 87, 97; 1891, 100, 105, 107, 126; 1892, Oct. 7, 213 (g. of *Tristominae*); 1893, 8, 210; 1899, 98, 99; 1903, 335 (subf. *Ancyrocotylinae*; f. *Tristomidae*); 1904, 117, 122.—Nord., 1832a, 60.—Pratt, 1900, 646, 648, 658.—Tasch., 1878, 564, 566 (syn. of Trist.); 1879, 233.

[*dubius* see Kellogg, 1876c, 544, arthropod.]

*elegans* Baer, 1826a, 125–126 (*Hirudo sturionis* Abildg., renamed); on gills of Stör; 1827b, 660–678, pl. 32, figs. 1–6 (includes Trist. *elongata*, 1826).—Abildg. (1797), 135, pl. 3, figs. 3–5; 1794b, 55, pl. 6, fig. 1 a. b. c.—Ben. & Hesse, 1864., 67–68 (syns. *Hirudo sturionis*; Phylline, Trist. *elongatum*, T. *sturionis*).—Blainv., 1828a, 568.—E. Bl., 1847, 323.—Braun, 1889h, 433–434 (syn. of Trist. *elongatum* Nitzsch); 1889k, 612.—Crep., 1846, 149.—Cuv., —.—Dies., 1850a, 426 (syns. *Hirudo sturionis* Abildg., Trist. *elongatum* Nitzsch, *Capsala elongata* Nord., Trist. *sturionis* Cuv. (in *Accipenser sturio*, A. *guldensædtii*, A. *acutirostris*; Scotia); 1858e, 363.—Duj., 1845a, 323 (syn. of Trist. *elongatum*).—Johnston, 1865, 33–34, 299.—Leidy, 1887, 24.—Linst., 1903, 280.—Lint., 1898c, 508; 1901, 408, 414, 435.—Mont., 1904, 117; 1905, 117.—Moquin-Tandon, 1846a, 394.—Much., 1898, 11, 17.—[Nitzsch, 1826, 150–151.]—Nord., 1832a, 66; 1840, 602 (syn. of *Capsala elongata*).—Oken, —, 371.—Tasch., 1878, 563, 564, 565, 568 (syn. of Trist. *elongatum* Nitzsch); 1879, 56.

*elongata* (Nitzsch, 1826) Johnston, 1865, 34.—Braun, 1890a, 411, 419, 422, 424, 427, 428, 430 (*elongatum*), 431, 434, 437, 440, 445, 449, 450, 453, 456, 464, 472, 479, 489, 494, 497, 512, 527 (in *Acipenser sturio*), 547, 550; 1890c, 597, to (Trist.); 1892a, 667.—Gamb., 1896a, 56.—Kath., 1894a, 154.—Lint., 1901, 408, 414, 435 (in *Acipenser sturio*; Woods Hole, Mass.).—Mont., 1891, 106, pl. 6, fig. 32.—Pratt, 1900, 655, fig. 4; 657, 659.

*hippoglossi* (Mueller, 1776) Tasch., 1878, 568 (to Trist.) (for *hippoglossii*).

*hippoglossii* Ben., 1858a, 1861a, 21 (to *Epibdella*).—Tasch., 1878, 568 (*hippoglossi*) (to Trist.).

[*linearis*, a diatom.]

[*palea*, a diatom.]

*papillosa* Lint., 1898c, 508–509, pl. 40, figs. 1–6 (in *Gadus callarias*) [type U. S. N. M. 4874]; 1901, 414, 476 (in *Gadus callarias*; Woods Hole, Mass.).—Mont., 1904, 117 (to *Lintonia*); 1905, 70; 1905, 117 (to *Lintonia* as type).—Pratt, 1900, 659.

[*pulcra*, a louse on the swift, *Chaetura pelagica*.]

[*sigmoidea*, a diatom.]

*sturionis* (Abildg., 1794) Kroyer, 1852–53a, 777 (in *Acipenser sturio* L.).

[*subtilis*, a diatom.]

NOTOCOTYLUS Nord., 1840, 602 (for *Notocotylus*).

NOTOCOTYLE Dies., 1850a, 288, 411, for *Notocotylus* 1839 (m. *triseriale*) (syns. *Fasc. Frœlich*, *Festucaria* Schrank, *Monost. Zed.*, *Notocotylus* Dies.); 1858e, 314, 369; 1859c, 437–438.—Brand., 1891d, 22; 1892, 506, 508.—Braun, 1890a, 515; 1893a, 887, 890, 891, 893, 895, 914, 916, 918; 1893b, 179, 185; 1893d, 466; 1901b, 51, 52; 1901e, 346.—Cohn, 1904, 230.—Gamb., 1896a, 73.—Goldb.,

## NOTOCOTYLE—Continued.

1855, 17.—Hoyle, 1890, 539 (N. triseriale Dies.=Monost. verrucosum).—Jackson, 1888, 642 (cf. Monost. verrucosum).—Looss, 1894a 131, 204; 1896b, 147, 1899b, 661–664, 665, 667; 1901, 192 (cf. Monost. verrucosum); 1902m, 546, 602, 610, 612, 639, 701.—Luehe, 1901, 174.—Mont., 1888, 84, 93, 106; 1892m, 24–46, pl. 1, figs. 1–19; — 126; 1892, Oct. 7, 182, 183, 214 (gen. of Monostomidæ); 1892; 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 702, 703, 704, 705, 706, 708, 709, 713, 714; 1893, 15, 24, 27, 28, 52, 83, 84, 91, 105, 108, 144, 205; 1896, 151.—Odhn., 1905, 367, 368, 370.—Ofenheim, 1900, 156, 183.—Ssinitzin, 1896, in 1–20, 1 pl. (in birds at Warschau).—Stoss., 1902, 5.—Tasch., 1879, 234.

*egyptiaca* Odhn., 1905, 370 (Monost. verrucosum of Looss, 1896, renamed).

*alveatum* (Mehlis, 1845) Mont., 1892, 39, 41, pl. 1, fig. 8 (in *Anas penelope*, *Fuligula marila*, *Harelda glacialis*, *Oidemia fusca*, *Somateria mollissima*).—Braun, 1893a, 916; 1893b, 185.

*diserialis* Ssinitzin (1896) (in *Rallus aquaticus*).

*proteus* (Brand., 1891) Mont., 1892, 703; 1892, 30.

*triseriale* (Dies., 1839) Dies., 1850a, 411–412 (syns. *Fasc. verrucosa* Frølich, F. anseris Gmelin, *Festuc. pedata* Schrank, Monost. verrucosum Zed., M. marillæ Rud., M. lineare Rud.): 1858e, 369 (in *Anas anser* dom. et ferus, *Hæmatopus ostralegus*, *Gryphæ: Fulica atra*); 1859c, 437 (syn. Monost. verr.) (in *Anas tadorna*, *Planorbis*, *Lymnæus*; Belgium).—Ben., 1858a, 1861a, 78 (syn. of Monost. verr.).—Brand., 1891d, 22 (triserialis).—Braun, 1892a, 581; 1893a, 916; 1893b, 177.—Hass., 1896a, 3 (syn. of N. verr. (Frølich)).—Hoyle, 1890, 539 (= Monost. verr.).—Kowal., 1895g, 41 (1).—Landois, 1882, 23 (triserialis).—Looss, 1894a, 204; 1896b, 146 (syn. of Monost. verr.).—Mont., 1892, 26, 40 (syn. of N. verr. Frølich).—Odhn., 1905, 367 (syn. of *Catatropis verrucosa*, type of *Catat.*); 1905, 370.—Rail., 1893a, 340 (= N. verr.).—Also reported for *Anas querquedula*, *Anser albifrons*, *A. cinereus*, *A. cinereus* dom., *A. segetum*, *Fuligula ferina*, *Harelda glacialis*.

*verrucosum* Mont., 1892, 40 (for *verrucosum*).

*verrucosum* (Frølich, 1789) Mont., 1892, 28, 29, 30, 39, 40 (*verrucosum*), 41, pl. 1, figs. 1–7, 9–16 (syns. Monost. verr. Zed., M. attenuatum Rud., M. ovatum Mol., *Notocotyle triseriale* Dies.) (in *Anas bewikii*, *A. boschas* dom., *A. boschas* fer., *A. penelope*, *A. querquedula*, *Anser albifrons*, *A. cinereus* ferus, *A. cinereus* dom., *A. leucopsis*, *A. segetum*, *Ascolopax gallinago*, *Cairina moschata*, *Crex pratensis*, *Cygnus musicus*, *Fulica atra*, *Fuligula cristata*, *F. ferina*, *F. marila*, *Gallinula chloropus*, *Gallus gallinaceus*, *Glaucio clangula*, *Hæmatopus ostralegus*, *Harelda glacialis*, *Mergus merganser*, *M. serrator*, *Oidemia fusca*, *Ortygometra porzana*, *Rallus aquaticus*, *Rhynchaspis clypeata*, *Somateria mollissima*, *Tadorna vulpanser*, *Vanellus cristatus*): 1892, 689, 690, 691, 703, 709; 1893, 24, 51.—Braun, 1893a, 916; 1893b, 185.—Kowal., 1896d, 254 (4) (in *Anas boschas*, *A. crecca*, *Fuligula marila*; Dublany).—Hass., 1896a, 3 (syns. *Fasc. verr.* (Frølich), Monost. verr. (Frølich), M. attenuatum Rud., M. lineare Rud., *Notocotylus triserialis* Dies., *Notocotyle triseriale* (Dies.)) (in *Gallus* dom.).—Looss, 1896b, 146 (syn. of Monost. verr. Frøc.); 1899b, 661, 662, 663, 664, 770; 1902m, 444; (*verrucosa*; *Cerc. imbricata* Looss), 807.—Odhn., 1902, 63 (*verucosa*).—Olss., 1893, 12–13.—Rail., 1893a, 340.—Stoss., 1901, 92 (4) (in *Rallus aquaticus*; Trieste).

*verucosa* Odhn., 1902, 63 (for *verrucosum*).

**NOTOCOTYLUS** Dies., 1839a, 234 (m. triserialis).—Braun, 1893a, 884.—Cobbold, 1877, 237, 238; 1877f, 326; 1879b, 360.—Mont., 1892, 26 (syn. of *Notocotyle*).—Moul., 1856a, 16.—Nord., 1840, 601–602 (*Nocotylus*).—Pratt, 1902, 890, 910.

*triserialis* Dies., 1839a, 234–235 (syns. *Fasc. verrucosa* Frølich, F. anseris, *Fest. pedata* Schrank, Monost. verrucosum Zed.) (in *Anas anser* dom., *A. anser*, *A. querquedula*, *A. boschas* dom., *A. marila*, *A. penelope*, *A. albifrons*, *Cygnus bewikii*, *Fulica atra*, *Gallinula porzana*, *Phasianus gallus*, *Rallus aquaticus*; Europe), pl. 15, figs. 23–25; 1850a, 411, to *Notocotyle*; 1858e, 369 (in *Anas anser* dom. et ferus, *Hæmatopus ostralegus*, *Greifswald*; *Fulica atra*).—Ben., 1858a, 1861a, 78 (syn. of Monost. verrucosum).—Crep., 1849a, 68.—Hass., 1896a, 3 (syn. of N. verr. (Frølich)).—Nord., 1840, 602 (*Nocotylus*) (syns. *Fasc. verr.*, F. anseris, Monost. verr.).—Odhn., 1905, 366 (syn. of *Catatropis verrucosa* (Frølich)).—Rail., 1893a, 340.

**OCBOTRYUM** Moul., 1856a, 10, misprint for *Octobothrium*.

- OCHELOSOMA** Braun, 1901g, 944 (m. monstruosum); 1902b, 64, 65, 67.—Pratt, 1902, 888, 902.  
*monstruosum* Braun, 1901g, 944 (in *Corone venustissima*; West Indies); 1902b, 65.  
**OCREATA** Goetze, 1782a, 41, 182–183, a “Gattung” of *Fasciola* Goetze, from a Maulwurf.  
**OCTANGIINÆ** Looss, 1902m, 699.  
**OCTANGIUM** Looss, 1902m, 433, 633, 634, 637, 642, 645, 649, 650, 652, 653, 657, 660, 668, 670, 674, 675, 682, 684–685, 686, 687, 698, 699, 824 (tod. sagitta), family Angiodictyidae.  
*hasta* Looss, 1902m, 686–687, 690, 697, pl. 29, figs. 128–132, 133b (in *Chelone mydas*; apparently Egyptian coast).  
*sagitta* (Looss, 1899) Looss, 1902m, 416, 633, 636, 685–686 (syns. *Monost. proteus* ohne Geschlechtsproducten, of Walter, 1893, 197, pl. 10, figs. 13, 18, 19, etc., *Microscaphidium sagitta* Looss, 1899), 687, 697, pl. 29, figs. 122–127, 133a, pl. 30, figs. 143, 144.  
**OCTOBOTHRINÆ** Mont., 1903, 336, misprint for *Octobothrinæ* (f. *Octocotylidæ*).  
**OCTOBOTHRIDÆ** Mont., 1888a, 86, 88, for *Octobothriidæ*.  
**OCTOBOTHRIDEA** Tasch.—Olss., 1893, 4, subf. to contain *Octobothrium*, *Diplozoon*, *Diporpa*.  
**OCTOBOTHRII** E. Bl., 1847, 330–331 (for *Onchobothriens* of Duj., 1845a, 312) (tribe of Trematoda, contains *Axine*, *Diplozoon*, *Diporpa*, *Octobothrium*, *Polyst.*).  
**OCTOBOTHRIDÆ** Tasch., 1879, 235, 236, 238 (syn. *Octocotylidæ* Ben.); 1879, 68 (syn. *Octocotylidæ* Ben.).—Braun, 1890a, 516, 517, 533, 538.—Hoyle, 1890, 539 (*Octobothrium*, *Anthocotyle*, *Phyllocotyle*, *Platycotyle*, *Pleurocotyle*, *Diplozoon*, *Hexacotyle*, *Plectanocotyle*).—Jackson, 1888, 654 (*Octobothrium*, *Diplozoon*).—Mont., 1888a, 86 (*Octobothridæ*), 88.  
**OCTOBOTHRINÆ** Mont., 1903, 336.  
**OCTOBOTHRIMUM** F. S. Leuck., 1827a, 24 (m. lanceolatum); 1828, 18 (nec Dies., 1850a, *Cestode*) (m. lanceolatum); 1842a, 18, 29 (syns. *Mazocraes*, *Octost.*).—Ben., 1856e (*Octobothrium du Merlan*); 1858a, 1861a, 11, 44–45, 57, 193, 197, 345; 1868, 22.—Ben. & Hesse, 1864, 61, 102.—Braun, 1889k, 620, 621; 1890a, 445, 451, 469, 471, 477, 480, 489, 490, 515, 516, 517, 518, 522, 523, 534; 1891d, 422; 1895a, 1204; 1900a, 1654, 1657, 1671, 1672, 1679, 1684, 1705, 1726.—Burm., 1837a, 530.—Carus, 1863, 477–478.—Cerf., 1895h, 916, 920, 921; 1895m, 139; 1896, 516, 546; 1899a, 391.—Cobbold, 1879b, 35, 41.—Crep., 1838, 84; 1839, 291.—Dies., 1850a, 417 (of Nord., syn. of *Diclidophora*), 419 (of Nord., syn. of *Cyclocotyle*), 421 (syn. of *Octocotyle Dies.*), 423 (syn. of *Discocotyle Dies.*), 480, 603 (*Dies.*, n. g., cestode, m. rostellatum); 1863, 284.—Duj., 1845a, 312–313, 314–315, O. (*Cyclocotyle*).—Gamb., 1896a, 56, 73.—Goto, 1891a, 161, 174, 178, 183, 184; 1891c, 103; 1893a, 798.—Haswell, 1892b, 149; 1893c, 114.—Hoyle, 1890, 539 (of Nord.).—Ijima, 1884c, 638.—Jackson, 1888, 654.—Johnston, 1865a, 30, 31.—Kath., 1894a, 148.—Kroyer, 1843–45a, 166 (in *Lota molva* Cuv.).—R. Leuck., 1863a, 450, 615.—Looss, 1892, 72, 73.—Mayer, 1841a, 25, 33.—Mont., 1888, 83, 84, 88, 89; 1893, 111; 1903, 336 (syns. *Glossocotyle* [+*Ophicotyle*]) (subf. *Octobothrinæ*).—Nord., 1832a, 69, 76–77; 1840, 599.—Par. & Perugia, 1896, in 135–138; 1896, 4 pp.; —, 653.—Pratt, 1900, 646, 652, 656, 660, fig. 33.—St.-Remy, 1898, 523, 544–545.—Schneider, 1866, 334.—Scott, 1901, in 120–153; 1901, 145.—Tasch., 1879, 232, 233, 238, 239, 240, 241, 242, 243; 1879, 248 (of Grube) (syn. of *Pleurocotyle* Gerv. & Ben.); 1879, 35, 59, 69.  
1856: *Oebotryum* Moul., 1856a, 10, misprint.  
*alosa* Leuck., (1828).—Cerf., 1895h, 918, 920, 921, 922; 1895m, 140; 1896, 516, 517, 547.—Duj., 1845a, 313 (syn. of *O. lanceolatum*) (in *Clupea alosa*; Rennes).—Mayer, 1841a, 19, pl. 3, figs. 1–8.  
*alosa* (Ben. & Hesse, 1863) Braun, 1890a, 414, 418, 534, O. (*Glossocotyle*), 548 (Brest), 550 (in *Alosa vulgaris*).—Tasch., 1879, 244 (syn. *Glossocotyle alosæ*) (in *Alosa vulgaris*).—St.-Remy, 1898, 545.  
*alosa* (Hermann, 1782) E. Bl. — Ben. & Hesse, 1858a, 1861a, 46 (syn. of *O. lanceolatum*).—Scott, 1901, 8; 1901, 145, pl. 8, fig. 21 (in *Clupea alosa*, *C. finta*); 1905, 118.—Tasch., 1879, 244 (syn. of *O. lanceolatum* Leuck.).  
*alosa* of Mayer, 1841a, 19, see *lanceolatum alosæ*.—Baird, 1853a, 40 (= *O. lanceolatum*).

## OCTOBOTHRIUM—Continued.

- arcuatum* (Sons., 1890) Braun, 1890a, 534 (= *Vallisia striata* Par. & Perugia), 551 (in *Lichia amia*).
- bellones* (Otto, 1823) Tasch., 1879, 245–246 (syn. *Cyclocotyle bellones* Otto) (in *Bellone acus*).—St.-Remy, 1898, 555.
- belones* (Otto, 1823) Nord., 1840, 600 (for *bellones*) (syn. *Cyclocotyla bellones* Otto).—Dies., 1850a, 419 (to *Cyclocotyle*).
- bramæ* Par. & Perugia, 1896, 1 (in *Bramia rayi*; Genova).—St.-Remy, 1898, 548 (to *Octocotyle*).
- chrysophryi* (Ben. & Hesse, 1863) Braun, 1890a, 418, 535, 548, 550.—Tasch., 1879, 247 (syn. *Choricotyle* chr. Ben. & Hesse) (in *Chrysophrys aurata*).
- denticulatum* Olss., 1876, 10, pl. 1, figs. 13–17 (in *Gadus virens*).—Braun, 1890a, 418, 499, 514, 534, 548, 550.—Cerf., 1895h, 914, 921 (in *Gadus carbonarius*; Skagerrack); 1896, 510–511, 516.—Lint., 1900, 269, 283, 286, pl. 33, figs. 6–10; 1901, 408, 414, 474 (in *Pollachius virens*; Woods Hole, Mass.).—Par., 1899, 4; 1902, 3 (in *Gadus minutus*; Elba).—St.-Remy, 1898, 549 (to *Dactylocotyle*).—Tasch., 1879, 246 (in *Gadus virens*).
- digitatum* Rathke, (1843), 242–244, pl. f2, figs. 13–15 (in *Hippoglossus gigas*; Norway).—Ben., 1858a, 1861a, 50, 51.—Cerf., 1895h, 917 (syn. of *O. palmatum*); 1896, 513.—Dies., 1850a, 418 (syn. of *Diclidophora palmata*); 1858e, 384 (syn. of *Dicl. pal.*); 1859c, 443, to *Octoplectanum*.—Johnston, 1865, 31.—Tasch., 1879, 246 (syn. of *Octob. pal.*).
- [*dipsacum* Lint., 1897a, 806, a cestode.]
- esmarkii* Scott, 1901, 147, pl. 8, fig. 22 (in *Gadus esmarkii*; Shetland); 1905, 118.
- fintæ* (Ben. & Hesse, 1863) Tasch., 1879, 244 (type of *Opfichotyle* Ben. & Hesse) (in *Alosa finta*).—Braun, 1890a, 414, 418, 452, 534, 548, 550.—St.-Remy, 1898, 546.
- harengi* (Ben. & Hesse, 1863) Tasch., 1879, 244 (in *Clupea harengus*).—Braun, 1890a, 414, 418, 452, 534, 548, 550.—St.-Remy, 1898, 545.—Scott, 1901, 145–146 (in *Clupea harengus*); 1905, 118.
- heterocotyle* (Ben., 1870) Tasch., 1879, 245 (in *Clupea sprattus*).—St.-Remy, 1898, 555.
- hirudinaceum* Bartels, 1834, 61 (t. h. *Salmo lavaretus*; St. Petersburg).—Crep., 1839, 291.—Duj., 1845a, 315 (to *Cyclocotyle*).—Leuck., 1842, 30.—St.-Remy, 1898, 555.
- hirudinaceum* Dies., 1850a, 424, for *hirudinaceum* (to *Discocotyle*) (in *Coregonus wartmanni*).
- lanceolatum* Leuck., 1827a, 24 (in *Clupea alosa*; Germany); 1828, 18, pl. 1, fig. 7a–b (in *Alosa vulgaris*); 1842, 29.—Ben., 1858a, 1861a (of Duj.), 45–49, 50, 51, 53, 168, 169, 170, 172, 176, 186, 189, 190, 196, pl. 5, figs. 1–18 (syns. *Mazocraes alosæ* Hermann, *Octob. alosæ* Leuck., *Octost. alosæ* Kuhn, *Octocotyle lanceolata* Dies.); 1868, 5; 1868, 34, figs. 11–12.—Ben. & Hesse, 1864, 101.—Braun, 1890a, 407, 414, 419, 429, 431, 438, 439, 442, 448, 452, 453, 476, 483, 485, 489, 490, 494, 511, 534, 548, 550; 1891a, 52, 54.—Cobbold, 1872b, 90; 1879b, 41.—Crep., 1838, 84; 1839, 291.—Dies., 1850a, 422 (to *Octocotyle*); 1859c.—Duj., 1845a, 313, pl. 8, fig. F.—Fraip., 1880a, 400; 1880c, 416, 433; 1883a, xxxvi.—Jackson, 1888, 646, 649.—Kerbert, 1881a, 556.—Kroyer, 1846–53a, 218 (in *Alosa finta* Cuv.).—Looss, 1894a, 234.—Mont., 1893, 112.—Nord., 1832a, 58, 76, 77 (syns. *Octost. alosæ* Kuhn, *Maz. alosæ* Herm.); 1840, 599 (syns. *Maz. alosæ* Herm., *Octost. alosæ* Kuhn).—Par., 1896, 1.—St.-Remy, 1898, 545.—Tasch., 1879, 241, 242, 244 (syns. *Maz. alosæ* Herm., *Octost. alosæ* Kuhn, *Octob. alosæ* (Herm.) E. Bl., *Octocotyle lanceolata* Dies., *Octoplectanum lanceolatum* Dies.) (in *Alosa vulgaris*).
- lanceolatum alosæ* Mayer, 1841a, 19–25, 4 (*lanceolatum*), pl. 3, figs. 1–9, Hermann's species.
- leptogaster* Leuck., 1830a, 612 (t. h. *Chimæra monstrosa*; Europe); 1842a, 22–23, 30, pl. 1, fig. 5, pl. 2, figs. 2a–b.—Braun, 1890a, 418, 514.—Dies., 1850a, 424 (to *Discocotyle*).—Duj., 1845a, 314–315 (to *Cyclocotyle*).—St.-Remy, 1898, 546.—Tasch., 1879, 245 (syns. *Discocotyle lept.* Dies., *Placoplectanum lept.* Dies.) (in *Chim. monst.*).—Wagener, 1852, 544.
- lusæ* (Ben. & Hesse, 1863) Tasch., 1879, 247 (in *Morrhua lusca*).—Braun, 1890a, 418, 535, 551.

## OCTOBOTHRUM—Continued.

- merlangi* (Kuhn, 1830) Nord., 1832a, 76, 78–80, 81, pl. 7, figs. 1–5 (in *Gadus merlangus*), 115, pl. 7, figs. 1–5; 1840, 599.—Ben., 1856a, —; 1856e, —; 1857n; 1858a, 1861a, 49–52 (syn. *Diclidophora longicollis* Dies.) (in *Gad. merl.*).—Braun, 1889h, 621; 1891a, 52; 1890a, 410, 415, 419, 424, 452, 453, 534, 546, 548, 549, 550, 551; 1893b, 179.—Cerf., 1895h, 915–916 [920], 921 (syns. *Octob. platygaster* Leuck., *Dicl. longic.* Dies., *Octoplectanum longic.* Dies., *Octob. squillarum* Par. & Perugia) (in *Gad. merl.*); 1896, 511, 516.—Crep., 1838b, 84; 1839a, 291.—Dies., 1850a, 417 (renamed *Diclidophora longicollis*); 1858e, 384 (syn. of *Dicl. longic.* Dies.); 1859c, 443.—Duj., 1845a, 314 (to *Cyclocotyle*).—Gamb., 1896a, 56, fig. 23.—Scott, 1901, 146–147 (in *Gad. merl.*): 1901, 343 (in *Gad. merl.*; Irish Sea); 1905, 118 (Scott, 1895, pl. 4).—Tasch., 1879, 241, 242, 245 (syns. *Dicl. longic.* Dies., *Octoplectanum longic.* Dies.) (in *Merlangus communis*, *Cymothoa œstroides*).—Reported also for *Box salpa*, *Boops* sp., *Bopyrus squillarum*.
- minus* Olss., 1876, 10 (in *Gadus melanostomus*).—Braun, 1890a, 418, 514, 534, 548, 550.—Cerf., 1895h, 922; 1896, 517; 1898a, 302 (in *Gad. mel.*).—Tasch., 1879, 246 (in *Gad. mel.*).
- morrhua* (Ben. & Hesse, 1863) Tasch., 1879, 246 (in *Gadus morrhua*).—Braun, 1890a, 419, 535, 548, 550.
- palmatum* Leuck., 1830a, 612 (t. h. *Gadus molva*; Germany); 1842a, 24–28, 30, pl. 1, fig. 4 (in *Gad. mol.*).—Ben. & Hesse, 1864, 107 (to *Pterocotyle*).—Braun, 1890a, 419, 492, 494, 497, 514, 535, 548, 551.—Cerf., 1895h, 916–917, 921 (syns.: *Octodactylus* [type] *inhærens* Dalyell, *Octob. digitatum* Rathke, *Diclidophora pal.* Dies., *Pterocotyle pal.* Ben. & Hesse, *Octoplectanum pal.* Dies.) (in *Gad. mol.*); 1896d, 513, 516.—Dies., 1850a, 418 (to *Diclidophora*).—Duj., 1845a, 314 (to *Cyclocotyle*).—Johnston, 1865a, 31.—Kroyer, 1838–40a, 608 (in *Lota molva* L.).—Tasch., 1879, 241, 242, 246 (syns.: *O. digitatum* Rathke, *Dicl. pal.* Dies., *Octoplectanum pal.* Dies., *Octodactylus inhærens* Dalyell, *Pterocotyle pal.* Ben. & Hesse) (in *Molva vulgaris*, *Hippoglossus gigas*).—Reported also for *Gadus merlangus*.
- phycidis* (Par. & Perugia, 1889) Braun, 1890a, 418, 535, 548, 551 (in *Phycis blennoides*).
- pilchardi* (Ben. & Hesse, 1863) Tasch., 1879, 244 (in *Clupea pilchardus*).—Braun, 1890a, 414, 418, 534, 548, 550.—St.-Remy, 1898, 546.
- platygaster* Leuck., 1842a, 30 (in *Gadus merlangus*).—Cerf., 1895h, 915 (syn. of *O. merlangi*); 1896a, 511.—Duj., 1845a, 314 (syn. of *O. merlangi*).
- pollachii* (Ben. & Hesse, 1863) Tasch., 1879, 246–247 (in *Merlangus pollachius*).—Braun, 1890a, 415, 418, 452, 535, 548, 551.—Par. & Perugia, 1891, 18, (to *Dactylocotyle*).
- [*rostellatum* Dies., 1850a, 603 (syns. *Tænia erythrini* Fabricius, *Halysis octolobata* Zed., *Tænia octolobata* Rud.) (in *Sebastes norvegicus*); 1863, 284 (misprint *Onchobothrium rostellatum* Dies.).—Braun, 1895a, 1204.—Kroyer, 1852–53a, 595?, 1261.—Luehe, 1899, 542.—Zschokke, 1903, 27, 28.]
- sagittatum* Leuck., 1842a, 49–57, pl. 2, fig. 5a–k (in *Salmo fario*).—Braun, 1890a, 518, 534, 548, 551.—Dies., 1850a, 424 (to *Discocotyle* as type); 1858e, 384 (syn. of *Diclidophora palmata*); 1859c, 443 (syns. *Octoplectanum longicollis*, *O. palmatum*).—Duj., 1845a, 314.—Hofer, 1903c, 38–39, 1 fig. (pernicious anemia).—Pratt, 1900a, 656, 657, 660 (key), fig. 33.—St.-Remy, 1898, 555.—Tasch., 1879, 241, 243–244 (syns. *Cyclocotyle lanceolata*, *Discocotyle sag.*, *Placoplectanum sag.*) (in *Salmo fario*).—Also reported for *Coregonus lavaretus*, *Salmo trutta*.
- scomberi* (Kuhn, 1829) Nord., 1832a, 76, 77–78 (in *Scomber scomber*); 1840, 599.—Ben. & Hesse, 1864, 100 (of Grube to *Pleurocotyle*).—Braun, 1890a, 410, 418, 452, 514, 534, 548, 552.—Burm., 1837, 530.—Crep., 1838b, 84; 1839a, 291.—Dies., 1850a, 422 (syn. of *Octocotyle tunicata*); 1858e, 385 (of Grube, renamed *Grubea cochlear*, type of Grub.).—Duj., 1845a, 313, pl. 8, fig. e.—Grube, 1855a, 137–140, pl. 6, figs. 1–3 (on *Scomber scomber*), see also *Tetracotyle scomberi*.—Leuck., 1842a, 30.—Scott, 1901a, 344 (in *Mackerel*; *Manx coast*); 1901, 146, pl. 8, fig. 20 (in *Scomberscombrus*); 1905, 118.—Stoss., 1898, 12.—Tasch., 1878, 574, 575, 576 (of Grube, to *Pleurocotyle*); 1879, 241, 242, 243 (syn. *Octocotyle truncata*, *Octoplectanum trunc.*, *Octocotyle sc.*) (in *Sc. scombrus*, *S. colias*; Naples), 248 (of Grube) (to *Pleurocotyle*).
- smaris* Ijima, in Goto, 1894a, 207, see sub *Diclidophora*.—Cerf., 1895m, 140; 1896, 547.

## OCTOBOTHRUM—Continued.

species Ijima, 1884c, 637.

species Braun, 1890a, 472.

*squillarum* (Par. & Perugia, 1889) Cerf., 1895h, 916, syn. of *Octob. merlangi* (Kuhn); 1896, 512.—St.-Remy, 1898, 555 (syn. of *Dactylocotyle merlangi*, teste Parona).

*taschenbergii* (Par. & Perugia, 1898) Braun, 1890a, 535, 548, 552 (in *Sargus rondeletii*).

*thunninæ* (Par. & Perugia, 1898) Braun, 1890a, 419, 534, 548, 552 (in *Thynnus thunnina*).

OCTOBOTHRUM Fraip., 1883a, 36, for Octobothrium.

OCTOCOLYTE Mont., 1888a, 57 (for Octocotyle).

OCTOCOTYLE Dies., 1850a, 289, 421–422 (includes lanceolata [type by inclusion] and truncata); 1858e, 382–393, renamed Octoplectanum, (syns. Mazocraes, Octobothrium, Octostoma).—Ben. & Hesse, 1864, 96, 97.—Braun, 1890a, 477, 516, 517, 518, 522, 546; 1893a, 890.—Burm., 1856a, 251.—Cerf., 1895h, 918, 920; 1895m, 139; 1896, 514, 515, 516, 547; 1899a, 391.—Cunningham, 1897a, 279.—Goldb., 1855a, 19.—Goto, 1893a, 798; 1894a, 201.—Mont., 1888a, 7, 8, 11, 59, 66, 86, 89, 99; 1892, Oct. 7, 213 (g. of Octocotylinæ) (contains as subg.: Vallisia, Anthocotyle, Diplozoon, Hexacotyle, Phyllocotyle, Plectanocotyle, Platycotyle, Pleurocotyle); 1903, 336 (subf. Octocotylinæ).—Pratt, 1900, 646, 652 (key), 656, fig. 34.—St.-Remy, 1898, 523, 545, 546.—Stoss., 1898, 12.—Tasch., 1879, 239, 241, 242.—See Mazocraes 1782.

1858: Octoplectanum Dies., 1858e, 382 (Octocotyle renamed, hence same type).

1888a: Octocolyte Mont., 1888a, 57, misprint.

1894: Octocotyle: Par., 1894, 594, misprint.

*appendiculata* (Kuhn, 1829) Sons., 1890, 176.

*arcuata* Sons., 1890, 112–113 (on *Lichia amia*; [Mus. Pisa]); 1890, 137–139 (syn. of *striata* Par. & Perugia).—Par. & Par., 1891, 17.

*bramæ* (Par. & Perugia, 1896) St.-Remy, 1898, 547–548 (in *Brama rayi*).

*emarginata* (Olss., 1876) Sons., 1890, 176.

*harengi* Ben. & Hesse, 1863, 1864, 98–99, pl. 9, figs. 1–10 (in *Clupea harengus*).—Braun, 1890a, 498.—Mont., 1888a, 13.—Tasch., 1879, 244 (to Octobothrium).

*lanceolata* (Leuck., 1828) Dies., 1850a, 422 (includes Mazocraes alose Hermann, Octobothrium lanceolatum Leuck., Octostoma alose, in *Alosa vulgaris*; 1858e, 383 (to Octoplectanum); 1859c, 442 (to Octoplectanum).—Baird, 1853a, 40.—Ben., 1858a, 1861a, 44, 46 (to Octobothrium).—Cerf., 1895m, 139; 1896, 547.—Hausmann, 1897b, 4, 7, 20, 23 (in *Alosa vulgaris*).—Mont., 1888a, 13, 34; 1888, 26 (lanceolatus); 1893, 111.—Tasch., 1879, 244 (to Octobothrium).

*lanceolatus* Mont., 1888a, 26, for lanceolata.

*leptogaster* (Leuck., 1830, 1842) Par. & Perugia, 1890, 6, to (Octobothrium); 1892, 2–5 (87–90), pl. 3, figs. 7–8.—Par., 1894, 135 (in *Chimæra monstrosa*; Nizza).—Wagener, 1852, 544.

*major* Goto, 1894a, 203–205, pl. 9, figs. 1–6 (on gills of *Scomber colias*; Misaki); 1899, 274, 275, 276.—Cerf., 1895m, 140 (in Sc. col.); 1896, 547.—St.-Remy, 1898, 546–547.

*majus* St.-Remy, 1898, 547, misprint for major.

*merlangi* (Kuhn, 1829) Mont., 1888a, 11, 26; 1890, 420; 1893, 111.—Par., 1894, no. 727; 1894, no. 1060.

*minor* Goto, 1894a, 205–206; pl. 9, figs. 7–13 (on gills of *Scomber colias*; Japan); 1899, 274, 275, 276.—Cerf., 1895m, 140 (in Sc. col.); 1896, 547.—St.-Remy, 1898, 547.

*pilchardei* Mont., 1888a, 66, misprint for pilchardi.

*pilchardi* Ben. & Hesse, 1863, 1864a, 99, pl. 9, figs. 29–35 (on *Clupea pilchardus*).—Braun, 1890a, 498.—Mont., 1888a, 13, 66 (pilchardei).—Tasch., 1879, 244 (to Octobothrium).

*scomberi* (Kuhn, 1829) Ben. & Hesse, 1864a, 97–98 (on maquereau).—Cerf., 1895m, 140 (in *Scomber scombrus*); 1896, 547.—Goto, 1899a, 274–276.—Kroyer, 1838–40a, 595 (in Sc. sc.).—Mont., 1890, 421.—Par. & Perugia, 1889, 742, fig. 3 (in Sc. sc.; Genova); 1890, 742, fig. 3; 1890, 6.—Par., 1894, 503.—Pratt, 1900, 656, 657, 660, fig. 34.—St.-Remy, 1898, 546.—Staff., 1904, 482 (in Sc. sc.; Canada).—Stoss., 1892, 66; 1898, 12.—Tasch., 1879, 243 (to Octobothrium).—Also reported for *Sc. colias*.



## OCTOCOTYLE—Continued.

species Mont., 1888a, 57, 58.

*striata* (Par. & Perugia, 1890) Sons., 1890, 137–139 (syn. *O. arcuata* Sons.) (in *Seriola dumerilii*, Pisa; *Lichia amia*, Pisa and Triest); 1891, 9. März, 87–88, to (Vallisla).

*thunnina* Par. & Perugia, 1889, 742–743, fig. 4 (in *Thynnus thunnina*; Genova); 1890, 742–743, fig. 4 (in *Th. thunnina*; Genova); 1890, 6.—Par., 1894, 594 (Octocotyle).—St.-Remy, 1898, 557.

*thynni* Par. & Perugia, 1891, 19 [lapsus for *thunnina*?].

*truncata* Dies., 1850a, 422 (*Octostoma scombri*, Kuhn, 1829, renamed) (t. h. *Scomber scombrus*; Rhedoni); 1858e, 383 (to *Octoplectanum*).—Cerf., 1895m, 139, [140]; 1896, 547.—Stoss., 1898, 12.—Tasch., 1879, 243 (to *Octobothrium*).

OCTOCOTYLIDÆ Ben. & Hesse, —.—Braun, 1890a, 511, 516, 517, 519, 523, 533, 546.—Cerf., 1895e, 523; 1896d, 497–560, pls. 22–25; 1896, 509, 1899a, 345; 365, 452.—Mont., 1888a, 8, 11, 13, 18, 20, 34, 66, 84 (*Octocotylides*), 88, 89, 90, 99, 108; 1903, 336 (subf. *Onchocotylinae*) (g. *Squaloncocotyle*, *Onchocotyle* [= *Acanthocotyle*], *Rajonchocotyle*; *Octocotylinae* (g. *Octocotyle*, *Dactycotyle* [= *Pterocotyle*]); *Octobothrinae* (g. *Octobothrium* [= *Glossocotyle* [+ *Ophicotyle*]], *Diplozoon*, *Vallisla*); *Diclidophorinae* (g. *Diclidophora* [= *Choricotyle*], *Cyclobothrium*, *Heterobothrium*; *Plagiopeltinae* (g. *Hexacotyle* [= *Plagiopeltis*]); *Diaphorocotylinae* (g. *Erpocotyle*, *Anthocotyle*); 1905, 77.—Par. & Perugia, 1890, 6 (= *Polystomea* Tasch.).—Scott, 1901, 141.—Sons., 1890, 138.—Tasch., 1879, 68 (syn. of *Octobothriidae*); 1879, 235 (*Octocotylides*); 1879, 236 (syn. of *Octobothriidae*).

OCTOCOTYLIDES Cerf., 1900, 436–438.

OCTOCOTYLINÆ Braun, 1893a, 890.—Gamb., 1896, 73.—Mont., 1892, Oct. 7, 213 (subf. of *Polystomidae*); 1903, Dec., 336 (f. *Octocotylidæ*).—Pratt, 1900, 651 (includes: *Octocotyle*, *Octobothrium*, *Dactylocotyle*, *Diclidophora*, *Anthocotyle*, *Vallisla*, *Diplozoon*, *Phyllocotyle*, *Hexacotyle*, *Plectanocotyle*, *Platycotyle*, *Pleurocotyle*).—St.-Remy, 1898, 523, 544.—Scott, T., 1901, 141.

OCTOCOTYTE Par., 1894, 594, misprint for *Octocotyle*.

*thunnina* (Par. & Perugia, 1889) Par., 1894, 594.

OCTODACTYLUS Dalyell, 1853a, 262 (m. *inhærens*).—Braun, 1890a, 518.—Goto, 1893a, 798.—Tasch., 1879, 239.

*inhærens* Dalyell, 1853a, 262–263, pl. 36, figs. 1–2 (on the ling).—Ben. & Hesse, 1864a, 107 (syn. of *Pterocotyle palmata* Ben. & Hesse).—Braun, 1889a, 348 (is *Octobothrium*).—Cerf., 1895h, 917 (syn. of *Octobothrium pal.*); 1896, 513.—Johnston, 1865a, 31.—Tasch., 1879, 246 (syn. of *Octob. pal. Leuck.*).—Reported for *Gadus morrhua*.

OCTOPLECTANUM Dies., 1858e, 315, 382–383 (*Octocotyle*, 1850, renamed, hence *lanceolata* = *alose* (*Mazocraes*), type by renaming and inclusion); 1859, 442.—Braun, 1890a, 518.—Tasch., 1879, 239.—See *Mazocraes*.

*affine* Lint., 1898c, 511–512, pl. 40, figs. 10–13, pl. 41, figs. 1–5 (in *Paralichthys dentatus*; Woods Hole, Mass.).

*harengi* (Ben. & Hesse, 1863) Linst., 1889, 95, in *Clupea harengus*.

*heterocotyle* (Ben., 1870) Linst., 1885, 252–253, pl. 15, fig. 30; 1889, 96, in *Clupea sprattus* Bl.

*lanceolatum* (Leuck., 1828) Dies., 1858e, 383 (in *Alausa vulgaris*); 1859, 442–443 (includes *Mazocraes alose* Hermann, *Octobothrium lanc.*, *Octost. alose* Kuhn, *Octocotyle lanc.*).—Tasch., 1879, 244 (to *Octobothrium*).—Type by renaming and inclusion.

*longicollis* (Dies., 1850) Dies., 1859c, 443.—Cerf., 1895h, 915 (syn. of *Octobothrium merlangi*); 1896, 512.—Tasch., 1879, 245 (syn. of *Octob. merl.* (Kuhn)).—Reported for *Merlangus pollachius*, *M. vulgaris*, *Morrhua barbata*.

*palmatum* (Leuck., 1830) Dies., 1859c, 443.—Cerf., 1895h, 917 (to *Octobothrium*); 1896, 513.—Tasch., 1879, 246 (to *Octob.*).—Reported for *Hippoglossus gigas*, *Lota molva*.

*pilchardi* (Ben. & Hesse, 1863) Linst., 1889, 95 (in *Clupea pilchardus*).

*truncatum* (Dies., 1850) Dies., 1858e, 383 (in *Scomber scombrus*; Rhedoni); 1859c, 443–444.—Stoss., 1898, 12.—Tasch., 1879, 243 (syn. of *Octobothrium scombri* (Kuhn)).

OCTOSTOMA Otto, 1823, 302, as syn. of *Cyclocotyla* [not *Octostoma* syn. of *Polyst.*].

- OCTOSTOMA** Kuhn, 1829b, 358–363 (alosa=lanceolata=alosa (Mazocraes), type by inclusion, also type by first species rule).—Braun, 1890a, 518.—Cerf., 1899a, 349.—Mayer, 1841a, 20.—Tasch., 1879, 239.
- alosa* Kuhn, 1829b, 358–361 (in *Clupea alosa*), pl. 17, figs. 1–3.—Ben., 1858a, 1861a, 44, 46 (syn. of *Octobothrium lanceolatum*).—Cerf., 1899a, 348, 349.—Duj., 1845a, 313 (=Octob. lanc.).—Nord., 1832a, 76, 77, 82 (syn. of Octob. lanc.).—Tasch., 1879, 241, 244 (syn. of Octob. lanc.).
- heterocotyle* Ben., 1870, 67 (in *Clupea sprattus*).—Tasch., 1879, 245 (to *Octobothrium*).
- merlangi* Kuhn, (1829b) (t. h. *Merlangus communis*).—Ben., 1858a, 1861a, 44, 49, 168, 169, 172, 196 (to *Octobothrium*).—Cerf., 1895h, 915 (to Octob.); 1896, 511; 1899a, 349.—Crep., 1839a, 291.—Duj., 1845a, 314 (to Octob.).—Nord., 1832a, 78–80, 82 (to Octob.) (in *Gadus merlangus*); 1840, 599 (to Octob.).—Scott, 1901, 343 (to Octob.).—Tasch., 1879, 245 (to Octob.).
- scomberi* Kuhn, 1829b, 361–362, pl. 17, figs. 4–5 (t. h. *Scomber scomber*).—Cerf., 1899a, 348, 349.—Duj., 1845a, 313 (to Octob.).—Nord., 1832a, 77–78 (to Octob.); 1840, 599 (to Octob.).—Scott, 1901, 344 (to Octob.).—Stoss., 1898, 12 (in *Sc. scombrus*; Triest).—Tasch., 1879, 243 (to Octob.).
- OGMOGASTER** Jägers., 1891, 131 (m. *plicatus*): 1891b; 1892a.—Brand., 1892, 506.—Braun, 1892a, 605, 609, 641, 664, 671, 676, 677, 683, 684, 685, 699, 704, 708, 709, 711, 715, 717, 718, 721, 725, 726, 729, 737; 1893a, 887, 890, 893, 895, 914, 916, 918; 1893b, 179.—Gamb., 1896a, 73.—Lander, 1904a, 5.—Looss, 1899b, 664–665; 1902m, 610.—Mont., 1892, Oct. 7, 214 (g. of *Monostomidae*): 1893, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 701, 702, 703, 704, 705, 713; 1893, 28, 83, 144, 203, 205.—Ofenheim, 1900, 156.—Pratt, 1902, 890, 910 (key).—Rossbach, 1906, 374.
- plicatus* (Crep., 1827) Jägers., 1891, 129, 132, 134; 1891b, 32 pp., figs. 1–6; 1892a, 572–573.—Bettend., 1897, 319; 1897a, 15.—Braun, 1892a, 575, 600, 603, 607, 608, 609, 638, 640, 641, 647, 682, 688, 712, 717, 718, 719, 724, 731, 733, 765; 1893a, 917 (in *Balanoptera musculus*, *B. borealis*): 1893b, 177 (*plicata*); 186; 1901e, 344.—Darr, 1902, 657.—Looss, 1899b, 665.—Mont., 1892, 685, 689; 1893, 203.—Odh., 1905, 366 (*Monost. plicatum*).
- OISTOSOMUM** Odhn., 1902, 26–27 (m. *caduceus*); 1902, 42.—Pratt, 1902, 888, 899.
- caduceus* Odhn., 1902, 26–27 (in *Krokodil*: Sudan).
- OLIGOCOTYLIDÆ** Par. & Perugia, 1890, subf.—Braun, 1890a, 546.—Cerf., 1899a, 365, 452.
- OLYOCOTYLEA** Mont., 1903, 335–336 (“Sezione” contains: *Tristomidae* Ben., 1858, *Monocotylidae* Tasch., 1879).
- OMPHALOMETRA** Looss, 1899b, 562 (m. *flexuosa*) (*ὁ ομφαλικός*=Nabel or Mitte; *ἡ μήτρα*=uterus); 1902m, 839.—Braun, 1901b, 33.—Pratt, 1902, 887, 896.—Stoss., 1901, 93 (5).
- flexuosa* (Rud., 1809) Looss, 1899b, 562.—Stoss., 1901, 93 (5).
- OMPHALOMETRINÆ** Looss, 1899b, 543, 562; 1902m, 839.—Luehe, 1900, 490.—Pratt, 1902, 887, 896 (includes: *Omphalometra*, *Cathemasia*).—Stoss., 1901, 93 (5).
- ONCHOCOTILINÆ** Cerf., 1899a, 396 (for *Onchocotylinae*).
- ONCHOCOTYLE** Dies., 1850a, 289, 419 (m. *appendiculata*): 1858c, 314, 370–371; 1859c, 438.—Ben., 1853b, 59–68, figs. 1–11; 1858a, 1861a, 11, 54, 345.—Ben. & Hesse, 1864, 84.—Brand., 1891d, 21; 1894a, 308.—Braun, 1890a, 413, 415, 434, 437, 438, 444, 451, 471, 473, 474, 475, 484, 490, 491, 511, 515, 516, 517, 523, 538, 539, 546; 1893a, 890.—Carus, 1863, 478.—Cerf., 1899a, 345, 346, 347, 351, 359, 365, 368, 369, 371, 402, 411, 434, 452.—Chatin, 1880f, 591; 1881a, 311.—Gamb., 1896a, 73.—Goldb., 1855a, 19.—Goto, 1893a, 798, 800; 1894a, 222–224.—Haswell, 1887a, 286.—Hoyle, 1890, 539.—Jackson, 1888, 647, 654.—Kerbert, 1881a, 544, 554, 572.—Looss, 1894a, 203.—Mont., 1888a, 11, 16, 34, 36, 38, 43, 52, 53, 56, 57, 58, 59, 60, 65, 66, 67, 84, 86, 100; 1892, 35, 36; 1892, Oct. 7, 213 (g. of *Polystominae*); 1893, 118; 1903, 336 (syn. *Acanthoncotyle*) (subf. *Onchocotylinae*).—Pratt, 1900, 646, 651, 656, fig. 26.—St.-Remy, 1890, Nov. 1, 41–43; 1898, 558.—Scott, T., 1901, 151.—Sons., 1890, 176–177.—Stoss., 1898, 11.—Tasch., 1878, 176; 1879, 36, 44, 45, 47, 50, 51, 53, 55, 60, 62, 64, 65, 66, 69; 1879, 252, 255 (syns.: *Polyst. Kuhn*, *Hexabothrium* Nord.).—Ziegler, 1883, 556.

1899: *Acanthoncotyle* Cerf., 1899a, 347 (*appendiculata*).

## ONCHOCOTYLE—Continued.

- abbreviata* Olss., 1876, 12, pl. 2, figs. 27–28 (in *Acanthias vulgaris*).—Braun, 1890a, 418, 499, 539, 548, 550.—Cerf., 1899a, 361, 368, 369, 375 (to *Squalonchocotyle*).—St.-Remy, 1890, 42, 43 (in *Ac. vulg.*).—Sons., 1890, 177.—Staff., 1904, May 3, 482 (on *Squalus acanthias*; Canada).—Tasch., 1879, 253 (in *Ac. vulg.*); 1879, 29 (in *Ac. vulg.*).
- appendiculata* (Kuhn, 1830) Dies., 1850a, 419 (includes *Hexabothrium*); 1858e, 370–371 (in *Mustelus lævis*, *M. vulgaris*, *Scyllium catulus*), 371 (pars, from *Læmargus borealis*, syn. of *O. borealis*); 1859c, 438 (of Ben., 1858a, in *Must. vulg.*, *Galeus canis*).—Ben., 1858a, 1861a, 54–58, 59, 168–169, 172, 177, 197, pl. 6, figs. 1–12 (in *Mustelus vulg.*, N. Sea and Adriatic; *Galeus canis*; *Scyllium catulus*, Mediterranean; *Læmargus borealis*, Greenland); 1870, 5, 6, 16.—Brand., 1891d, 20.—Braun, 1889k, 622; 1890a, 408, 410, 414, 415, 419, 420, 421, 428, 429, 434, 437, 438, 442, 449, 453, 454, 457, 462, 465, 481, 489, 498, 499, 500, 512, 514, 539, 548, 550, 551, 552; 1890e, 594; 1893b, 178.—Cerf., 1899a, 350, 351, 357, 358, 359, 360, 361, 362, 364, 366, 367, 368, 369, 371, 374, 378 (in *Læmargus borealis*, *Scyllium catulus*), 374 (of Stoss., 1887, syn. of *Acanthochocotyle canicula*), 376 (of Tasch., 1879, syn. of *Squalonchocotyle grisea*), 376 (of Olss., 1867 and 1876, syn. of *Rajonchocotyle batis*), 376 (of Sons., 1890, syn. of *Rajonch. prenanti*).—Cobbold, 1879b, 464.—Fraip., 1880c, 416.—Goto, 1891a, 162.—Ijima, 1884c, 638.—Jackson, 1888, 647.—Juel, 1889, 36.—Kerbert, 1881a, 533.—Kroyer, 1852–53a, 926 (in *Scymnus microcephalus*).—Looss, 1885b, 5, 10.—Mont., 1888a, 8, 15, 23, 26, 37, 42; 1890, 421.—Par. & Perugia, 1890, 7.—Scott, 1901, 151, pl. 8, figs. 30, 31 (in *Galeorhinus galeus*, *Mustela vulgaris*, *Raja batis*, *R. clavata*, *Scylliorhynchus catulus*); 1901, 344 (in *Raja batis*; Irish Sea); 1905, 118 (see Scott, 1901, pl. 8).—Sons., 1890, 176, 177 (see also *Octocotyle* app.); 1891, 259–260 (syn. *O. emarginata* Olss.).—St.-Remy, 1890, 42, 43 (in *Scyllium catulus*, *Mustelus vulg.*, *M. lævis*, *Galeus canis*, *Raja batis*, *Hexanchus griseus*, *Ac. vulg.*).—Stoss., 1885, 162; 1898, 11.—Tasch., 1878, 176; 1878, 566, 574; 1879, 253 (syn. *Hexathyridium* app. Nord.) (in *Scyllium catulus*, *Mustelus lævis*, *M. vulgaris*, *Hexanchus griseus*, *Raja batis*, *Galeus canis*); 1879, 19–20; 1879, 24–47, pl. 3, figs. 1–3, pl. 4, figs. 1, 3–6 (syns. *Hexabothrium* app. Kuhn, *Polyst.* app. Nord.).—Ziegler, 1883, 345, 557.
- borealis* Sons., 1890, 177, misprint for *borealis*.
- borealis* Ben., 1853l, 59–68, figs. 1–11 (in *Scimnus glacialis*); 1858a, 1861a, 58–59 (in *Sc. gl.*); 1870, 12.—Braun, 1890a, 408, 419, 461, 539, 548.—Cerf., 1899a, 346, 356–358, 359, 360, 361, 362, 364, 367, 368, 369, 372, 378 (in *Scymnus glacialis*), 374 (to *Squalonchocotyle* in *Scymnus borealis*), 376 (of Stoss., 1885, syn. of *Rajonchocotyle prenanti*).—Dies., 1858e, 371 (in *Læmargus borealis*) (syns.: *O. appendiculatum* Dies., *Polyst. borealis* Wag.); 1859c, 438.—Linst., 1889, 101 (in *Læmargus borealis*).—Odh., 1905, 372 (to *Squalonchocotyle*).—Par., 1894, No. 1050.—Par. & Perugia, 1890, 7.—St.-Remy, 1890, 42, 43 (in *Scymnus borealis*).—Sons., 1890, 177 (*borcalis*).—Stoss., 1885, 162; 1890, 52; 1898, 12.—Tasch., 1879, 253 (in *Scy. bor.*); 1879, 29, 32 (in *Scy. bor.*)—Also reported for *Læviraja oxyrhynchus*.
- canis* (Cerf., 1899) Pratt, 1900a, 656, 657, fig. 26.
- emarginata* Olss., 1876, 11–12, pl. 2, figs. 23–26 (in *Raja clavata*).—Braun, 1890a, 419, 494, 499, 539, 548, 551.—Cerf., 1899a, 361, 366, 367, 368, 369, 375, 378.—St.-Remy, 1890, 42, 43 (in *R. clav.*).—Sons., 1890, 176, 177 (see also *Octocotyle emarginata*); 1891, 259, 260 (syn. of *O. appendiculata* Kuhn).—Tasch., 1879, 253 (in *R. clav.*); 1879, 29 (in *R. clav.*).
- prenanti* St.-Remy, 1890, 41–43 (in *Raja oxyrhynchus*; Roscoff).—Cerf., 1899a, 365, 368, 376 (to *Rajonchocotyle*) (in *R. oxyr.*).—Goto, 1894a, 223.—Sons., 1890, 177 (in *R. oxyr.*).
- scymni ainosi* Dies., 1858e, 371 based on Wagener, 1857, 72 (in *Scymnus ainosi*).—Cerf., 1899a, 360, 362, 377.—Linst., 1878a, 282.—St.-Remy, 1890, 41.
- spinacis* Goto, 1894a, 224–226, pls. 15–16, gills of *Spinax* sp.; at Odawara, Japan.—Cerf., 1899a, 370, 372, 376, 435 (to *Squalonchocotyle*).—St.-Remy, 1898, 558.
- ONCHOCOTYLINÆ Cerf., 1899a, 345–478, pls. 18–21, 396 (*Onchocotilinae*); 1900a, 436–438.—Mont., 1903, 336 (f. *Onchocotylidae*).
- ONCHOGASTER Claparède, 1863a, 13 (*m. natator*).
- natator* Claparède, 1863a, 13, pl. 5, figs. 1–4.—Braun, 1889a, 363, after Leuck., 1863, 95, is perhaps a free swimming polystome larva.

- OPHICOTYLE Ben. & Hesse, 1863; 1864, 96, 101 (m. *fintæ*).—Braun, 1890a, 414, 477, 516, 517, 522, 546.—Cerf., 1895h, 918; 1896, 514.—Mont., 1888a, 8, 11, 86 (Ophycotyle), 89, 99 (Ophycotyle).—Tasch., 1879, 240.  
1888: Ophycotyle Mont., 1888a, 8, 11, 86, 89, 99 for Ophicotyle.  
*alosa* Mont., 1888a, 13 (Ophycotyle).  
*fintæ* Ben. & Hesse, 1863; 1864, 101–102, pl. 9, figs. 19–28 (in *Alosa finta*).—Braun, 1890a, 446.—Tasch., 1879, 244 (to Octobothrium).
- OPHTHALMOPHAGUS Stoss., 1902, 8, 28–29 (m. *singularis*), subf. Cyclocœlinæ.  
*singularis* Stoss., 1902, 29, pl. 7, fig. 27 (in *Gallinula pusilla*; loc. not given).
- OPHYCOTYLE Mont., 1888a, 8, 11, 86, 99, for Ophicotyle.  
*alosa* Mont., 1888a, 13.
- OPISCORCUS Woolley, 1906, Oct. 6, 1090 (misprint for Opisthorchis).
- OPISTHIOGLYPHE Looss, 1899b, 588–589, 592 (tod. *endoloba*) (*δπισθιος*=hindermost; *ἡ γλυφῆ*=das Eingrabene).—Pratt, 1902, 888, 896, 898.  
*endobala* Ssinitzin, 1906, 685, for *endoloba*.  
*endobola* Ssinitzin, 1905, 121–136; 1906, 686, 687, for *endoloba*.  
*endoloba* (Duj., 1845) Looss, 1899b, 589.—Braun, 1906, 137, figs. 72–73 (in frog).—Kowal., 1902d, 27 (9).—Ssinitzin, 1905, 121–136; 1906, 685 (*endobala*), 686, 687 (*endobola*) (*Cerc. gibba* is larva) (in *Rana esculenta*, R. *temporaria*; Warschau).—Staff., 1905, 686–687 (Duj. of Staff., 1900, 403, renamed *Glypthelmins quieta*).—Stoss., 1901, 96 (8) (in *Rana esculenta*; Triest).—Ward, 1903, 862.  
*siredonis* (Poir., 1886) Looss, 1899b, 589.
- OPISTHODISCUS Cohn, 1904, 240 (m. *diplo-discoides*), 242, 243.  
*diplo-discoides* Cohn, 1904, 240–243, figs. 6–8 (in *Rana esculenta*; Coll. Creplin).
- OPISTHOGONIMUS Luehe, 1900aa, 555–558, 562 (m. *lecithonotus*=*philodryadum*).—Looss, 1901b, 206; 1902m, 839.—Odhn., 1902, 41.—Pratt, 1902, 888 (related to *Haplometrinæ*), 901.  
*lecithonotus* Luehe, 1900aa, 555–558 (in *Coluber* sp., *Coluber eririo*, *Philodryas schottii*; Brazil); 1900ee, 743 (=O. *philodryadum* (West)).  
*philodryadum* (West, 1895) Luehe, 1900ee, 743 (in *Philodryas schottii*; Brazil).
- OPISTHORCHIASIS.—A term proposed by Looss, 1905, 88, to designate infection with Opisthorchis.—Aoyama, 1891a.—Askanazy, 1904, 698 (in man, etiology and pathology); 1904, Nov., 229–230.—Huber, 1896, 578.—Katsurada, 1900, 495, 500–503 (in man).—Macgregor, 1877, 3–16.—See also distomatosis, hepatic, Japan.  
[O. *felineus*; Askanazy, 1904, (19); 1905, Jan. 10, 790.]
- OPISTHORCHIC Stiles, 1901h, 1539 (misprint for Opisthorchis Bl. 1895).
- OPISTHORCHIDÆ Luehe, 1901, 486, for Opisthorchiidæ.
- OPISTHORCHIIDÆ Braun, 1901b, 34.—Jägers., 1903a, 15 (Opisthorchidæ).—Looss, 1902m, 839, 840 (contains *Echinostominæ*, *Omphalometrinæ*, *Opisthorchiinæ*, *Rhopaliadinæ*; *Azygia*; *Allocreadium*; *Rhytidodes*; *Calycodes*).—Luehe, 1901, 486.
- OPISTHORCHIINÆ Looss, 1899b, 543, 563, 564, 565, 566; 1902m, 718, 839.—Braun, 1901b, 20.—Luehe, 1900, 490.—Pratt, 1902, 888, 895 (includes Opisthorchis, *Holometra*, *Metorchis*; related genus, *Podocotyle*).—Ward, 1903, 863.
- OPISTHORCHIS R. Bl., 1895f, 217 (tod. *felineus*); 1896b, 730.—Braun, 1900g, 250; 1901b, 20; 1901, 564; 1901e, 314; 1902b, 5, 6, 7 (re *Campula*, Stiles & Hass. have stated that *Campula* was erroneously made syn. of Opisthorchis); 1903, 3 ed., 157 (erroneously dated 1845); 1906, 163.—Heymann, 1905, 98.—Jacoby, 1900, 7, 9, 16.—Kamensky, 1900a, 3, 4, 5, 13, 19.—Kowal., 1898g, 74; 1898h, 131, 136, 140, 142–148 (28, 33, 37, 39–45); 1898, 121–148.—Looss, 1899b, 539, 549, 551, 559, 560, 563, 564, 565, 590; 1901, 194, 199, 200, 209; 1902m, 529, 712 (Opisthorchis), 775–778, 781, 790 (amphitypic), 795, 805; 1905, —.—Luehe, 1899, 529, 532, 533; 1901, 474.—Mont., 1896, 168.—Odhn., 1902, 37 (Opisthorchis).—Ofenheim, 1900, 166.—Pratt, 1902, 888, 895.—Rail., 1896, 160; 1900, 212.—Stiles, 1901, 203, 204, 205.—Stiles & Hass., 1898a, 85, 91 (Opisthorchis erroneously as syn. of *Campula* Cobb.) (type *Dist. felineum*).—Stoss., 1902, 580.—Ward, 1901, 180; 1903, 869.  
1896: *Prosthometra* Looss, 1896b, 58–60 (*felineus*).

## OPISTHORCHIS—Continued.

- 1896: *Opisthorchis* Rail., 1896, Mar. 15, 160, misprint.  
 1901: *Opisthorchis* Stiles, 1901h, 1539, misprint.  
 1906: *Opiscorcus* Woolley, 1906, 1090, misprint.  
*albidus* (Braun, 1893) Rail., 1896, 160.—Rail. & Marotel, 1898, 38 (compared with other forms).—Bosuat, 1902, v. 6 (2), 192.—Jacoby, 1900, 8 (*situs inversus* 16 times in 68 specimens, 23 per cent).—Kowal., 1898h, 131, 143, 147 (28, 40, 44) (in *Felis catus* dom.).—Luehe, 1899, 530.—Type of *Metorchis* 1899.  
*amphileuca* (Looss, 1896) Kowal., 1898, 148 (45) (in *Naja haje*).  
*buski* (Bl., 1888) R. Bl., 1895, 737 (syns.: *Dist. buski* Lankester, *D. crassum* Busk nec Sieb., *D. rathouisi* Poir.); 1895, 217; 1900, 488.—Galli-Valerio, 1898a, 146.—Manson, 1903e, 664, fig. 107.—Type of *Fasciolopsis* 1899.  
*campula* (Cobbold, 1876) Looss, 1899b, 559.  
*choledoca* (Linst., 1883) Kowal., 1898h, 148 (45) (in *Anas* sp.).—Kamensky, 1900a, 5.  
*compascua* Kowal., 1898, 72; 1898h, 133, 134 [30, 31], see *xanthosoma compascua*.  
*complexus* (Stiles & Hass., 1894) Stiles & Hass., 1896, 155, or Rail., 1896, 160.—Galli-Valerio, 1898d, 146.—Kowal., 1898h, 143, 147 (40, 44) (in *Felis catus* dom.).  
*conjunctus* (Cobbold, 1860) R. Bl., 1895, 217; 1895, 735; 1900, 488.—Bosuat, 1902, v. 6 (2), 191–192.—Braun, 1883, 65–66.—Clerc, 1907, 558 (*Opisthorchis*).—Kamensky, 1900a, 4.—Kowal., 1898h, 143, 147 (40, 44) (in *Homo*, *Canis vulpes fulvus*).—Manson, 1903e, 635 (= *Dist. conjunctum* of man).—Rail., 1896, 160.  
*conus* (Crep., 1825) Stiles & Hass., 1895c, 156–158.—Rail. & Marotel, 1898, 38.  
*corvina* (Stiles & Hass., 1894) Kowal., 1898, 143, 148 (40, 45) (in *Corvus americanus*, *C. ossifragus*).  
*corvinus* (Stiles & Hass., 1894) Stoss., 1904, 12.  
*crassiuscula* (Rud., 1809) Kowal., 1898g, 71, 73; 1898h, 130, 131, 143, 144, 147 (27, 28, 40, 41, 44) (in *Buteo vulgaris*, *Archibuteo lagopus*, *Haliaeetus albicilla*, *Circus rufus*, *Aquila imperialis*, *Surnia nyctea*).—Jacoby, 1899c, in 1–30; 1900, 7.—Looss, 1899b, 565, 678.—Luehe, 1899, 530.  
*crassiuscula janus* Kowal., 1898h, 122–132, 147 [19–27, 44] figs. 15–21, 28 (in *Anas boschas* dom.); 1898g, 71.—Braun, 1902b, 9.—Looss, 1899b, 565, 566 (undoubtedly a *Metorchis*), 678.  
*crassiusculus* Looss, 1899b, 678, see *crassiuscula*.  
*entzi* Ratz, 1900, 534, in gall ducts of *Ardea purpurea*.  
*exigua* (Mueh., 1898) Kowal., 1898h, 147 (44) (in *Circus rufus*).  
*felinea* (Riv., 1884) Jacoby, 1899c, in 1–30.  
*felineus* (Rivolta, 1884) R. Bl., 1895, 217; 1895, 734–735; 1900, 488.—Askanazy, 1900b, 493, 502 (in man); 1904, 689–691; 1904, Nov., 229–230.—Bosuat, 1902, v. 6 (2), 188.—Braun, 1903, 3 ed., 157 (syns.: *conus* Gurlt, *lanceolatum* Sieb., 1836 & Tright, *sibiricum*, *tenuicolle* Mueh., 1896) 159 (cases in man); 1906, 166; 1906, 163–166, figs. 95–98 (in *Limnaeus stagnalis*, *Felis domestica*, dog, fox, *Gulo borealis*).—Engler, 1904 (X. 21), 186–188, 1 fig. (abnormal intestine of); 1905, Jan. 1, 16; 1905 (II), 57.—Galli-Valerio, 1898d, 146; 1901c, 364 (in dog).—Hollack, 1902a, 868.—Jacoby, 1900, 7, 8–9.—de Jong, 1896a, 7 (*Opisthorchis*).—Kamensky, 1900a, 17, 19, 20, 24 (*felinea*).—Looss, 1899b, 675; 1905, 89 (syns.: *Dist. felineum*, *D. sibiricum*; in dogs and cats, Europe; in man by Winogradow in Tomsk, Siberia), 90; 1907, Feb. 1, 138, 139.—Stiles, 1902, 33.—Ward, 1903, 704; 1903, 864, 869 (syns.: *Dist. conus* Gurlt nec Crep., *D. lanceolatum* Sieb., 1836 & Tright, 1889 nec Mehlis, *D. sibiricum* Winogradoff, *D. tenuicolle* Mueh.), 871.  
*gemina* (Looss, 1896) Kowal., 1898h, 129, 148 (26, 45) (in *Milvus parasiticus*).  
*geminus* (Looss, 1896) Looss, 1899b, 676, 677, 678, figs. 2, 3; 1907, Feb. 1, 138, 139 (in *Anas boschas fera*, *Circus aeruginosus*, *Milvus aegyptius*).—Braun, 1901b, 34.  
*interruptus* Braun, 1901g, 897 (in *Alcedo viridirufa*, *Ardea virescens*; Brazil); 1902b, 5, 6, fig. 2.—Stoss., 1904, 11.  
*janus* Kowal., 1898g, 71, 73; 1898h, 130, 131, 132, 133, 134, 137, 138, 139, 143, 144 (22, 26, 27, 28, 29, 30, 31, 34, 35, 36, 40, 41).—Jacoby, 1900, 7.—See also *crassiuscula janus*.

## OPISTHORCHIS—Continued.

- lancea* (Dies., 1850) Braun, 1901, 897; 1902b, 6, 7.—Hollack, 1902a, 868.—Stoss., 1904, 11.
- longissimus* (Linst., 1883) Stiles & Hass., 1896, 155.—Kamensky, 1900a, 5.—Kowal., 1898g, 72; 1898h, 140, 141, 148 (37, 38, 45) (in *Botsaurus stellaris*).—Looss, 1899b, 564, 674.—Stoss., 1904, 11.
- longissimus* var. *corvinus* (Stiles & Hassall, 1894) Looss, 1899b, 564, 675.—Hollack, 1902a, 868.—Stoss., 1904, 12.
- noverca* Braun, 1902, Dec. 30, 836; 1903, 3. ed., 164, fig. 112 (=Dist. conjunctum Lew. & Cunn., 1872 of man, renamed); 1906, 170–171, figs. 103–104.—Looss, 1905, 90–91, fig. 6 (syn. Dist. conj. L. & C.).—Stoss., 1904, 11.—Ward, 1903, 704; 1903, 864, 870.
- oblonga* (Cobbold, 1858) Kowal., 1898h, 148 (45) (in *Phocaena communis*, *Platanista gangetica*).
- piana* Galli-Valerio, 1898c, 7–8, 1 fig. (in *Anas boschas*; Busto Ariizio); 1898d, 145–146 (in *Anas boschas*); 1898e; 1898m, 923 (Opisthorchis); 1901c, 364; 1903d, 59 (Opisthorchis).—Kowal., 1898c, 751–752; 1898d, 751–752; 1898e, 923.—Stoss., 1899, 12.
- piscicola* Odhn., 1902, 152–153 (in *Gymnarchus niloticus*).—Stoss., 1904, 11.
- poturzyensis* Kowal., 1898g, 71 (var. of *simulans*), 72 (n. sp.), 73, 75, or 1898h, 138, 140, 141, 142, 143, 144, 148 (in *Anas boschas* dom.), 150, 163, figs. 23–26 (35, 36, 37, 38, 39, 40, 41, 47).—Engler, 1904, 186.—Jacoby, 1899c, in 1–30; 1900, 7.
- pseudofelineus* Ward, 1901, 180 (syn. *D. felineum* Riv. of Ward, 1895, 152–158); in 1903, 861, 862, 869.—Braun, 1903, 3. ed., 158.
- simulans* (Looss, 1896) Kowal., 1898g, 72; 1898h, 129, 137, 140, 141, 142, 148 (26, 37, 38, 39, 45) (in *Pernis apivoris*); 1902d, 23 (5) (in *Anas boschas* dom.).—Braun, 1901b, 34.—Looss, 1899b, 564, 566, 673–674, pl. 24, figs. 1–1b (includes var. *poturzyensis*).—Stoss., 1904, 11.—Also reported for *Anas penelope*, *Circus aeruginosus*, *Fulix cristata*).
- simulans* var. *poturzyensis* Kowal., 1898g, 71 (in *Anas boschas* dom.); 1898h, 135–142, 148 (32–37, 45), figs. 23–26 (in *Anas boschas* dom.).—Looss, 1899b, 565, 673, 674.
- sinensis* (Cobbold, 1875) R. Bl., 1895, 217; 1895, 736–737; 1900, 488; 1901b, 204, 209, 210; 1901c, 581, 586, 587, 588, 589.—Akanuma, 1894 (in Toyama Province).—Aoyama, 1891a.—Askanazy, 1904, 689; 1904 (XI), 229–230.—Bossuat, 1902, v. 6 (2), 189.—Braun, 1903, 3. ed., 161–162, figs. 109–111; 1906, 168–170, figs. 100–102.—Clerc, 1907, 558 (Opisthorchis).—Kamensky, 1900a, 4.—Kowal., 1898h, 147 (44) (in *Homo sapiens*; *Felis catus* dom.).—Looss, 1899b, 564; 1901, 209; 1905, 90, fig. 5 (syns. Dist. sinense Cobb., *D. spathulatum* Leuck., *D. hepatis innocuum*, *D. hepatis endemicum*, *D. hepatis perniciosum* Bætz, *D. japonicum* Bl.) (Japan, Annam, Tonkin, China, Korea); 1905m, 233; 1907, Feb. 1, 136–147.—Manson, 1903, 635.—Staf., 1905, Apr. 11, 694 (in liver of Chinaman, at Montreal, 1896).—Stiles & Garrison, 1906a, Aug., 29.—Stoss., 1904, 11.—Ward, 1903, 864, 867, 869–870 (syns. Dist. sinense Cobb., *D. spathulatum* Leuck. nec Rud., *D. hepatis endemicum* Bætz, *D. hepatis perniciosum* Bætz, *D. hepatis innocuum* Bætz, *D. japonicum* Bl., *D. endemicum* Ijima); 1903, 703, 704.—Woolley, 1906, 1090 (Opiscorcus).
- speciosus* Stiles & Hass., 1896, 151–155, figs. 1–2 (Dist. longissimum corvinum renamed).—See p. 74.
- tenuicollis* (Rud., 1819) Stiles & Hass., 1896, 155.—Braun, 1901e, 314.—Jacoby, 1900, 8.—Kamensky, 1900a, 1–23 (syn. *D. felineum* Riv.); 1900b, 23 pp.; 1901a, 323–324.—Kowal., 1898g, 73, 74; 1898h, 106, 129, 138, 139, 143, 144, 147 (1, 26, 35, 36, 40, 41, 44) (in *Homo*, *Felis catus* dom., *Canis familiaris*, *Gulo borealis*, *Phoca barbata*, *Halichoerus grypus*).—Looss, 1899b, 564, 566, 674–678, 700.—Odhn., 1905, 339.—Ratz, 1900, 532.—Stoss., 1904, 11.
- tenuicollis-felineus* Looss, 1899b, 678 (see *tenuicollis* and *felineus*).
- truncatus* (Rud., 1819) Rail., 1896, 160.—Bossuat, 1902, v. 6 (2), 192.—Galli-Valerio, 1898d, 146; 1901c, 364.—Jacoby, 1899c, in 1–30; 1900, 8.—de Jong, 1896a, 7 (Opisthorchis).—Kamensky, 1900a, 14 (*truncata*).—Kowal., 1898h, 143, 147 (40, 44) (in *Gulo borealis*, *Felis catus* dom., *Canis familiaris*, *C. vulpes*, *Phoca annelata*, *P. vitulina*).—Luehe, 1899, 530.

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*viverrini* (Poir., 1886) Stiles & Haas., 1896, 155.—Kowal., 1898h, 148 (45) (in *Felis viverrinus*).—Poir., 1886, 27–29, pl. 3, figs. 1–3.—Stoos., 1892, 1893, 24; 1904, 11.  
*xanthosoma* (Crep., 1846) Kowal., 1898g, 72; 1898h, 134, 147 (31, 44) (in *Podiceps minor*).

*xanthosoma* var. *compascua* Kowal., 1898g, 71 (in *Anas querquedula*); 1898h, 132–134, 147 (29–31, 44), figs. 22–29.—Braun, 1902b, 8 (syn. of *Dist. crassiusculum*).—Looss, 1899b, 565, 566 (says this is undoubtedly a *Metorchis*), 678.

OPISCORCUS Woolley, 1906, Oct. 6, 1090 (misprint for *Opisthorchis*).

OPISTHOTREMA Fischer, 1883a, 1–42 (m. cochleare).—Biehlinger, 1888a, 231, 232, 233, 234.—Brand., 1892, 506.—Braun, 1892a, 569, 635, 640, 663, 664, 676, 677, 679, 683, 687, 693, 696, 699, 700, 711, 715, 716, 717, 718, 721, 725, 727, 728, 736; 1893a, 879, 886, 887, 890, 893, 895, 899, 914, 917, 918.—Darr, 1903, 657.—Gamb., 1896a, 73.—Jackson, 1888, 648.—Juel, 1889, 24.—Looss, 1885b, 56; 1894a, 180, 207; 1899b, 665.—Mont., 1888, 7, 15, 18, 32, 35, 37, 41, 42, 48, 50, 52, 53, 54, 56, 57, 58, 60, 64, 66, 67, 93, 106; 1892, Oct. 7, 214 (gen. of *Monostomidæ*); 1892, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 713; 1892, 37, 38; 1893, 25, 83, 144.—Ofenheim, 1900, 156.—Pratt, 1902, 890, 909.

1893: *Oposthotrema* Crety, 1893a, 384, misprint.

1902: *Opistotrema* Cohn, 1902k, 53, for *Opisthotrema*.

*cochleare* Fischer, 1883a, 1–42, 1 pl., 13 figs. (in *Halicore dugong*; Philippines); 1884a.—Bettend., 1897, 38; 1897, 342.—Biehlinger, 1888a, 230.—Brand., 1891b, 265.—Braun, 1891d, 421; 1892a, 583, 589, 591, 593, 594, 595, 602, 604, 605, 607, 610, 628, 640, 659, 688, 703, 724, 731, 733, 762, 763, 764, 765; 1893a, 877, 917; 1893d, 468; 1901e, 344.—Cohn, 1902k, 53 (*Opistotrema*).—Crety, 1893a, 384 (*Oposthotrema*).—Darr, 1902, 648.—Juel, 1889, 37.—Kath., 1894a, 143.—Kowal., 1898h, 158 (55).—Linst., 1904u, 679, 680.—Looss, 1885b, 10, 12, 17, 56.—Maclaren, 1904b, 608.—Mont., 1888a, 7, 16, 21, 23, 26, 27, 43, 60; 1892, 99, 104; 1892, 688, 689, 695, 703, 712; 1893, 16, 109.—Seinitzin, 1904, 768 (*Opistotrema*).—Reported also for *Manatus americanus*.

*pulmonale* Linst., 1904u, 678–680, figs. 1–2 (in *Halicore australis*; Torres-Strasse, Australia).—Odh., 1906, 66.

OPISTORCHIDÆ Jægers., 1903a, 15, for *Opisthorchidiæ*.OPISTORCHIS Rail., 1896, 160, see *Opisthorchis*.OPOSTHOTREMA Crety, 1893a, 384, for *Opisthotrema*.

ORCHIDASMA Looss, 1900, Dec. 3, 602 (*Anadasmus* Looss nec *Walsingham* renamed, hence type *amphiorchis*), *τὸ δάσκα*, die Vertheilung; 1902m, 468.—Braun, 1901a, 20, 34.—Odh., 1905, 342.—Pratt, 1902, 888, 895.

*amphiorchis* (Braun, 1899) Braun, 1901b, 20–22, figs. 7, 11 (in *Thalassochelys corticata*; *Chelone mydas*: Triest).—Looss, 1901, 560, 562, 563; 1902m, 414, 416, 463–468, pl. 23, figs. 25–29, pl. 39, fig. 24.—Odh., 1905, 342.

ORCHIPEDUM Braun, 1901g, 944 (m. *tracheicola* Braun); 1902b, 15, 19, 20, 22, 23.—Pratt, 1902, 888 related to *Psilostominæ*, 897.

*tracheicola* Braun, 1901g, 943–944 (in *Anas fusca*; Vienna, Oct.); 1902b, 19, 20, 22, 23, figs. 14, 15 (syn. *Monost. flavum*).

OROPHOCOTYLE Looss, 1902e, 637–644, figs. 1–4 (tod. *planci*); 1902f, 400–401; 1905g, 54–55.

*calyptrocotyle* (Mont., 1893) Looss, 1902e, 644.

*divergens* Looss, 1902e, 640, 643, 644, fig. 1 (in *Ranzania truncata*; Triest).

*foliata* (Lint., 1898) Looss, 1902e, 644 (syn. *Dist. foliatum* Lint.).

*planci* (Stoss., 1899) Looss, 1902e, 637–641, figs. 2–4 (in *Ranzania truncata*; Triest).

ORTHOSPLANCHNUS Odhn., 1905, 330, 345, 346, 347, 348 (tod. *arcticus*).

*arcticus* Odhn., 1905, 339–343, 344, 348, pl. 3, figs. 1–5 (in *Phoca barbata*; west coast Spitzbergen).

*fraterculus* Odhn., 1905, 343–344, 348, pl. 3, fig. 6 (in *Phoca barbata*, *Odobenus rosmarus*; w. coast Spitzbergen).

OSTIOLUM Pratt, 1902a, 888 (*Haplometrinæ*), 900 (key to); 1903, 34–37 (m. *formosum* Pratt).

*formosum* Pratt, 1903, 34–37, pl. 4, figs. 6–8 (in frogs).—Staff., 1905, Apr. 11, 687 (in lungs of American frogs and toads; probably identical with *Pneumonæces medioplexus*).

**OTIOTREMA** Setti, 1897, 4-8, figs. 1-5 (m. torosum); 1897, in 198-247.—Braun, 1902b, 23.—Fuhrmann, 1904, 61.—Looss, 1899b, 551, 644-645, 741, 742, 743, 744, 745, 1901b, 208, 209, 210; 1902e, 642; 1902m, 813.—Luehe, 1901n, 481, 482, 486.—Odh., 1905, 366.—Ofenheim, 1900, 183.—Pratt, 1902, 889, 905.—Stiles & Hass., 1898a, 91-92, 96 (type torosum).

*torosum* Setti, 1897, 4-8, pl. 8, figs. 1-5 (in *Squalus* sp.; Massaua).—Darr, 1902, 661.—Looss, 1899b, 645, 735, 736-746, figs. 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 69 (in *Squalus* sp.; Sawakin).—Luehe, 1901n, 481.—Odh., 1905, 362.—Stiles & Hass., 1898a, 91, 96.

**OTODISTOMUM** Staff., 1904, May 3, 482-483 (m. veliporum) ( $\Omega\tau\omicron\varsigma$ =giant) (closely related to *Azygia*).

*veliporum* (Crep., 1837) Staff., 1904, May 3, 482-483, 488 (in *Raja laevis* Mit.; Canada).—Odh., 1905, 310.

**PACHYPSOLUS** Looss, 1901l, 30. Oct., 558-560 (m. lunatus Looss, 1901, 558 = *D. irroratum* R.); 1902m, 497, 503, 504, 505.—Pratt, 1902, 888 (related to *Plagiiorchiinae*), 899.

*irroratus* (Rud., 1819) Looss, 1902m, 414, 416, 485-505 (includes *Dist. irroratum* Rud., 1819a, 393; Braun, 1899, 717; 1901, 36, figs. 27, 30, 32), 793, 871, 887, fig. A, pl. 23, figs. 37-38, pl. 32, fig. 169 (in *Thalassochelys corticata*, at Trieste; *Thalassochelys caretta* in New Guinea).—Odh., 1905, 340.

*lunatus* Looss, 1901l, 558-560, 564 (in *Thalassochelys corticata*; Trieste); 1902m, 485, 486, 496, 497, 503 (syn. of *P. irroratus* Rud.).

**PARABASCUS** Looss, 1907, Mär. 5, 481-483 (tod. lepidotus).

*lepidotus* Looss, 1907, Mär. 5, 481-483, figs. 3a-b (in *Vesperugo kuhli*; Cairo, Egypt).

*limatulus* (Braun, 1900) [Looss, 1907, Mär. 5, 483, as probable].

*semisquamosus* (Braun, 1900) [Looss, 1907, Mär. 5, 483].

**PARAGONIMIASIS**, name of disease (see also distomatosis, pulmonary) Stiles & Hass., 1900a, 578-600.—Huber, 1896, 577.—Inoue, 1892, 13, 15; 1893a, 79-86; 1897a, 175-178 (brain); 1900, 1-23 (distomatosis pulmonum); 1900b, 515, 664, 739; 1903, 124, 125, 130.—Katsurada, 1900, 507.—Kurimoto, 1893d, 1-6, 1 fig.—Kurimoto & Ijima, 1892a, (718-720).—Looss, 1905, 81, 82, 83.—Manson, 1883, (Mar. 31), 532-534; 1894, 805.—Matsushima, 1895a, 10-17 (induratio hepatis).—Maxwell, 1899, 116-117, 2 figs.—Miura & Nakanishi, 1897, 20 Aug., 31-33.—Stiles, 1901b, 79-102.—Taylor, 1884, 44-54, figs. 1-5.—Winoue, 1892, Oct. 20, 13-16.—Winoue & Katsurada, 1892, Nov. 5, 15-21.—Ztsch. d. Tokio med. Gesellsch., 1892, v. 6 (6), Mar. 20, Art. 1.—IN BRAIN: Inoue, 1897a, 175-178.—Inoue & Katsurada, 1891, (17); 1892, v. 6 (6); 1893; 1902, v. 6 (21).—Jida, 1899, (1).—Taniguchi, 1904, Mar. 31, 237; 1904, Aug. 1, 156; 1904, Aug. 16, 350-351; 1904, v. 38 (1), 100-121, 2 pls.; 1904, 318-321; 1904, Dec. 3, 983; 1905, July 29, 508-509.—Yamagiwa, 1889, Sept. 20, 8; 1890, Mär. 5, 447-460, figs. 1-3; 1890, May 20, —; 1890, Sept. 5, 336-337.

—, LOCALITY: Ijima, 1893, v. 7 (16) (Yamanashi).—Katsurada, 1900d, 507 (mountainous regions).—Miura & Nakanishi, 1897a, 31-33.—Soma, 1893 (Japan).—Sons., 1884, v. 54 (7), 17-21 (Japan & Formosa).—Stiles & Hass., 1900a, 560-611; 1900b; 1900c, 3017-3027 (U. S.); 1901a, 45 (U. S.).—Yamagiwa, 1892, Mär. 5, 446-456 (Japan).

—, PATHOLOGY: Katsurada, 1899a, 8-29.—Katsurada, Fujiro & Fujiki, 1899a, 20 June, 1-18; 5 July, 2-29.—Magaziner, 1902, Apr., 296-302 (in man and lower animals).—Taniguchi, 1893, (794-795) (eye and testicle).—Wakabayashi, 1903, Apr. 20, 117 (orbit and lid).

—, SYMPTOMS: Huber, 1896a, 577.

—, TREATMENT: Katsurada, Fujiro & Saki, 1899a, 141-185.—Riusai, 1884, no. 307 (sulphurous acid).

—, IN MAN: Emerson, 1904, July-Aug., 263.—Stiles & Hass., 1900a; 1902f, 360; 1904c, 22.

—, IN SWINE: Stiles & Hass., 1900a, 560-611.

**PARAGONIMUS** Braun, 1899g, 492 (tod. *westerni*) (also places here, *Dist. rube* Dies., *Dist. compactum* Cobbold); 1900h, 5, 6; 1901e, 329, 330; 1903, 3. ed., 154-155; 1906, 160.—Looss, 1900d, 605; 1902m, 813.—Luehe, 1900, 555, 557.—Pratt, 1902, 887 (related to *Fasciolinae*), 894.—Stiles, 1901, 183, 185.—Taniguchi, 1904, v. 38, — (in brain); 1904 (XII, 3), 938.—Ward, 1903, 867.



## PARAGONIMUS—Continued.

- 1899: *Polysarcus* Looss, 1899b, 561 (tod. *westermanii*).  
*compactus* (Cobbold, 1859) Braun, 1901, 334.  
*rudis* (Dies., 1850) Stiles & Hass., 1900a, 604-605.—Braun, 1901e, 329, 332, pl. 20, figs. 12, 15-17.  
*westermani* (Kerbert, 1881) Looss, 1905, 81, 82, fig. 1; 83, 84, figs. 2-3; 85, 86 (syns. *Dist. ringeri*, *D. pulmonale*, *D. pulmonum*) (see *westermanii*); 1905m, 280, 282, 283.  
*westermanii* (Kerbert, 1878) Stiles & Hass., 1900a, 560-611, figs. 24-28, pls. 23-24, figs. 1-4; 1900b, 761-762 (*westermanii*); 1900c, 3017-3027; 1901a, Jan. 12, 45.—Anders, 1903, 6th ed., 1245-1246.—Braun, 1901e, 331, 332, 333, 334; 1903, 3. ed., 155, figs., 101-103; 1906, 160-163, figs. 92-94 (*westermani*) (in man, Royal tiger, dogs, pigs, cats; N. America).—Darr, 1902, 652, 687 (*westermanii*).—[Kellicott, 1894a, 123 (in dog; U. S. A.).]—Looss, 1905, 81, 82, 83, 84, 85, 86, figs. 1-3 (*westermanii*) (syns. *Dist. ringeri*, *D. pulmonale*, *D. pulmonum*), 117; 1905m, 280, 282, 283 (*westermani*).—Manson, 1903, 631, 632, 633-636, figs. 96, 97 (*westermanii*).—Miura, 1897, 31-33.—Ricketts, 1903, in 1204-1206.—Stiles, 1901b, 79-102 (*westermanii*); 1902, 45, 47; 1904i, 14-18, figs. 5-16.—Stiles & Garrison, 1906a, 29.—Strong, 1901, 44-45.—Ward, 1903, 703, 704; 1903, 863, 864, 867 (syns. *Dist. westermanii* Kerbert, 1878; *D. ringeri* Cobbold, 1880; *D. pulmonale* Baelz, 1883; *D. pulmonis* K., S., & Y., 1881 *Mesogonimus westermanii* Rail., 1890), 868.  
*westermanii* (Leuck., 1889) Stiles, 1900, 762 (see *westermanii*).  
**PARAMPHISTOMIDÆ** Fischder., 1901a, 367-375; 1901b, 634-636; 1902a, 59 pp., 4 figs. (syn. *Amphistomidæ* Mont.); 1902b, 356; 1903h, 485-600, figs. a-q, pls. 20-31; 1903i; 1904, v. 20, 453-470; 1904, 278-279; 1904, 532-533; 1904, Feb. 18, 598-601; 1904, Mar. 3, 173; 1904, Mar. 10, 403; 1905, Jan. 31, 16; 1905, Jan. 16, 119; 1905, Jan., 120; 1905, July 3, 63.—Braun, 1903, 3. ed., 145, 146.—Luehe, 1901, 488.—MacCallum, 1905, 667.—Pratt, 1902, 887, 892 (includes: *Paramphistominae*, *Cladorchinae*).—Shipley, 1905, v. 6 (1), 4, 8.—Ward, 1903, 864 (*Gastrodiscus hominis*), 865 (see *Digenea*).  
**PARAMPHISTOMINÆ** Fischder., 1901, 367; 1902a, 10 (subf. of *Paramphistomidæ*); 1903h, 490, 492, 503.—MacCallum, 1905, 668.—Pratt, 1902, 887, 892 (syns. *Gastrothylax*, *Paramphist.*, *Stephanopharynx*).—Shipley, 1905, v. 6 (1), 8 (genera: *Paramphist.*, *Stephanopharynx*, *Gastrothylax*).  
**PARAMPHISTOMUM** Fischder., 1901a, 367, 370, 372, 373, 374; 1902a, 7, 10-11, 24, 25, 26, 38, 43, 54 (tod. *cervi*); 1903h, 490, 491, 492 (key), 503; 1904, 173; 1904, 403; 1904, 453-470 (3 species); 1904 (X), 532-533.—Looss, 1902m, 438, 780, 835.—Pratt, 1902, 887, 892.—Shipley, 1905, v. 6 (1), 7, 8.  
*bathycotyle* Fischder., 1903h, 542, for *bathycotyle*.  
*bathycotyle* Fischder., 1901a, 368, 370 (in *Bos kerabau*); 1902a, 15, 16, 22 (in *B. k.*; Ceylon); 1903h, 492, 498 (in *B. k.*; Ceylon), 518-520, pl. 20, figs. 8-9, 542 (*bathycotyle*); 1904, 454, 455, 456, 457, 458.  
*bothriophoron* (Braun, 1892) Fischder., 1901a, 370; 1902a, 21-22, 25, 29 (in Zebu; Madagascar); 1903h, 492, 496, 498, 538-541, figs. 24-28 (in *Bos taurus indicus*; Annanarivo, Madagascar), 544, 545, 546, 549, 550, 571.  
*calicophorum* Fischder., 1901a, 370 (in *Bos taurus*; East Africa and Capland, Queensland, China); 1902a, 22-23 (in *Bos tau.*); 1903h, 492, 498 (in *Bos tau.*; East Africa, Capland, Queensland), 509 (in *Ovis aries*? or *Bos tau.*), 541, figs. c, 29-35, 549, 550, 575 (in *Bos tau.*; Canton. Fu-mui, China), 580; 1904, 459.—Linst., 1906, 175 (in *Bos indicus*).  
*cervi* (Schrank, 1790) Fischder., 1901a, 368, 369; 1902a, 11-13, figs. 1, 14, 15, 20, 22, 26, 42 (includes *Festuc. cervi* Zed., 1790; *Monost. elaphi* Zed., 1800; *M. conicum* Zed., 1803; *Amphist. conicum* Rud., 1809) (in *Bos bubalus*, *B. taurus*, *B. urus*, *Cervus alces*, *C. dama*, *C. elaphus*, *Ovis aries*); 1903h, 492, 498 (in *Bos tau.*, *B. urus*=*Bison europæus*, *B. bubalus*; Egypt, ?Japan, ?N. Africa, ?Australia, ?India; *Cervus elaphus*, *C. alces*, *C. capreolus*, *C. dama*, *Capra hircus*; *Ovis aries*), 503, 504-515, fig. a, pl. 20, figs. 1-5 (syns. *Fasc. hepatica* Mueller, *Fest. cervi* Zed., *Fasc. cervi* Schrank, *F. elaphi* Gmelin, 1790; *Monost. elaphi* Zed., 1800; *M. conicum* Zed., 1803; *Amphist. conicum* Rud., 1809a, and of certain other authors), 530, 534, 535, 537, 539, 543, 565, 566, 590; 1904, 459, 460, 461, 462.—Braun, 1906, 142 (in *Bos taurus*).—Staff., 1905, Apr. 11, 693 (syn. *Amphist. conicum* Rud.) (in stomach of cattle; Canada).

## PARAMPHISTOMUM—Continued.

- cotylophorum* Fischder., 1901a, 370 (in *Bos taurus*, Togo; *Bos zebu*, German East Africa); 1902a, 23 (in *B. t.*, Togo; *B. z.*, German E. Africa); 1903h, 492, 499 (in *Bos taurus*, *B. t. indicus*; East Africa), 546–551, figs. f, 36–39 (in *B. t.*, Togo, Misahöhe; *B. zebu*; Africa, Langenburg); 1904, 460, 463, 464, 465.
- dicranocœlium* Fischder., 1901a, 369 (in *Bos taurus indicus*; Coll. Berlin Vet. School); 1902a, 18–19, 23 (in *B. t. ind.*); 1903h, 492, 499 (in *B. t. ind.*), 528–531, fig. d, pl. 21, figs. 5–17 (in *B. t. ind.*), 533, 534, 547; 1904, 458, 464, 465, 467.
- epiclitum* Fischder., 1904, 458–463, pl. 15, figs. 4–6, fig. B (in *Bos taurus indicus*, *Buffelus indicus*; Saigon, Cochinchina).
- explanatum* (Crep., 1847) Fischder., 1904, 454–458, pl. 15, figs. 1–3, fig. A (in *Bos taurus indicus*, *B. zebu*, *Buffelus indicus*).
- gracile* Fischder., 1901a, 368 (in *Bos kerabau* from Ceylon; *Portax tragocamelus*); 1902a, 16–17, 18–19 (in *B. k.*, Ceylon; *Portax trag.*); 1903h, 492, 499 (in *B. k.*, Ceylon, *Por. trag.*), 520–524, fig. B, pl. 21, figs. 10–11, 532, 535.—Linst., 1906, 175.
- liorchis* Fischder., 1901a, 368 (in *Cervus simplicicornis*, *C. campestris*, *C. mexicanus*, *C. rufus*, *C. dichotomus*, *C. namby*; Brazil); 1902a, 13–14 (syn. *Amphist. conicum* Dies. e. p.); 1903h, 492, 499, 515–518, pl. 20, figs. 6–7 (in same hosts).
- microbothrium* Fischder., 1902a, 21 (for *microbothrium*).
- microbothrium* Fischder., 1901a, 369 (in *Antelope dorcas*; Coll. Vien. and Coll. Berl. Vet. School); 1902a, 20–21 (*microbothrium*); 1903h, 492, 499, 535–538, pl. 22, figs. 21–23 (in *Antelope dorcas*), 539, 540, 541, 542.
- orthocœlium* Fischder., 1901a, 369 (in *Bos kerabau*); 1902a, 17–18, 19, 20 (in *Bos kerabau*; Ceylon); 1903h, 492, 499, 524–528, fig. C, pl. 21, figs. 12–14 (in *Bos kerabau*; Ceylon, Koenigsberg i. Pr.), 529, 530, 531, 532, 534; 1904, 467.
- scoliocœlium* Fischder., 1904, 459, 463–468, pl. 16, figs. 7–11, fig. C (in *Buffelus indicus*, in Cochinchina and Annam; *Bos taurus*, at Annam).
- strephocœlium* Fischder., 1902a, 19–20, 25, 50 (in *Bos kerabau*; Ceylon) for *streptocœlium*.
- streptocœlium* Fischder., 1901a, 369 (in *Bos kerabau*; from Ceylon); 1903h, 492, 499, 531–534, pl. 21, fig. 18, pl. 22, figs. 19–20 (in *Bos ker.*), 537, 539, 540; 1904, 465.
- PARORCHIS Nicoll, 1907, 128, *Zeugorchis* Nicoll, 1906, not Staff., 1905, renamed, hence type *acanthus*.
- PATAGIUM Heymann, 1905, 82, 90 (m. *brachydelphium*).
- brachydelphium* Heymann, 1905, 81, 82–89, pl. 6, figs. 1–3 (in *Dermatemys mavi* Gray; Coll. Koenigsberg i. Pr.).
- PECTOBOTHRIA Braun, 1893b, 188, for *Pectobothrii*.
- PECTOBOTHRII Burm., 1837a, 530; 1856a, 243, 251.—Braun, 1890a, 515, 516; 1893b, 188 (*Pectobothria*).—Mont., 1888a, 83.—Tasch., 1879, 233.
- PEDICELLINÆ Mont., 1888a, 88.
- PEGOSOMUM Ratz, 1903, v. 1, 417–432, 1 pl. (type by present designation *saginaturn*), *Fasciolidae*.
- asperum* (Wright, 1879) Ratz, 1903, 423–424, 431–432 (in *Botaurus minor*).
- saginaturn* (Ratz, 1898) Ratz, 1903, 419–421, 427–429, pl. 16, figs. 2, 4 (in *Ardea alba*; Hungary).
- spiniferum* Ratz, 1903, 422–423, 429–431, pl. 16, figs. 1, 3 (in *Botaurus stellaris*; Hungary).
- PETRATHYRUS Cobbold, 1860a, 42, for *Tetrathyrus*.
- obesus* (Crep., 1851) Cobbold, 1860a, 42, renamed *Monost. gurltii*.
- PEUDOCOTYLE Tasch., 1879, 65, apparently for *Pseudocotyle*.
- PHACUS Nitzsch, 1827, 69, contains *Cerc. pleuronectes*, *C. tenax*.
- PHANEROPSOLUS Looss, 1899b, 608–609, 611, 612, 633 (tod. *sigmoideus*) *φανερός* = visible; *ὁ ψαλός* = penis); 1902m, 822, 823.—Braun, 1900, 234; 1901, 948; 1901e, 311, 313; 1901, 567.—Pratt, 1902, 889, 903, 904.
- longipenis* Looss, 1899b, 608, 714–715, fig. 35 (in ape, gen. et sp. undetermined; Gizeh Zool. Garden); 1902m, 823.—Braun, 1901e, 311, 313.

## PHANEROPSOLUS—Continued.

- micrococcus* (Rud., 1819) Braun, 1901, 567; 1902b, 41, 49, 62, 64, fig. 40 (syns. Dist. mi. Rud., 1819; Dies., 1850a; D. (Brachylaimus) mi. Stoss., 1892).
- orbicularis* (Dies., 1850) Braun, 1901e, 348, pl. 20, fig. 14.
- oviformis* (Poir., 1886) Looss, 1899b, 609.
- sigmoideus* Looss, 1899b, 608, 712-713, 714, fig. 31 (in *Passer dom.* at Alexandria; *Caprimulgus europæus* at Cairo); 1902m, 823, 824 (probably = Dist. m. *crococum* Rud., see Braun).—Braun, 1901e, 311, 313; 1901, 567; 1902b, 63, 64.—Staff., 1905, Apr. 11, 693.
- PHASCIOLA** Wilder, 1894 (for Fasc.).—Stiles & Hass., 1898a, 89, 92 (syn. of Fasc.).
- PHILOPHTHALMINÆ** Looss, 1899b, 586-587; 1902m, 839.—Braun, 1902b, 31.—Luche, 1901, 488.—Odhn., 1905, 314.—Pratt, 1902, 888, 898 (includes: *Philophtthalmus*, *Pygorchis*).—Shipley & Hornell, 1904, 95.
- PHILOPHTHALMUS** Looss, 1899b, 587 (tod. *palpebrarum*).—Braun, 1902b, 31, 32.—Ofenheim, 1900, 182.—Pratt, 1902, 888, 898.
- lachrymosus* and *lacrymosus* Braun, 1902b, 31, 37 (Dist. *lucipetum* Braun p. p. in *Larus maculipennis*; Brazil).—Looss, 1907, Mar. 5, 480.
- lucipetus* (Rud., 1819) Looss, 1899b, 587, 701, 702; 1907, Mar. 5, 480.—Braun, 1902b, 32, figs. 21-23 (syns. Dist. *lucipetum* Rud., 1819a; Brem., 1824; Dies., 1850; Braun, 1897; D. (*Dicrocœlium*) luc. Duj., 1845; Stoss.)
- nocturnus* Looss, 1907, Mar. 5, 479-480, fig. 2 (in *Athene noctua*; Egypt).
- palpebrarum* Looss, 1899b, 587, 701-702, fig. 24 (in *Corvus cornix* at Cairo; *Milvus parasiticus*); 1901, 205; 1907, Mar. 5, 479, 480 (in *Athene noctua*; Egypt).—Braun, 1902b, 31, 32, 37.
- PHYLLINE** Abildg., 1790, 31 (syns. *Tænia laticeps* Pallas, *Caryophyllus* Gœze, Fasc. *fimbriata* Gœze).—Audouin, 1828a, 454-455.—Baer, 1827b, 674.—Baird, 1853a, 97 (= *Caryophyllæus mutabilis* Rud.).—Ben., 1858a, 1861a, 12, 19, 20.—Ben. & Hesse, 1864, 67 (of Oken, syn. of *Nitzschia elegans*).—R. Bl., 1888, 130 (of Oken, = trematode).—Braun, 1890a, 515, 518, 527.—Burm., 1856a, 251.—Dies., 1850a, 290, 426 (of Oken, syns. *Hirudo* Mueller, *Epibdella* Blainv., Trist. Rathke), 428 (of Oken, syn. of Trist.), 445 (of Oken, syn. of *Malacobdella*), 577 (of Abildg., syn. of *Caryophyllæus*), 578 (of Abildg., syn. of C. mutab.); 1858e, 313, 363 (of Oken, mentions only *hippoglossi*); 1859c, 437.—Fabricius, 1794, 30.—Goldb., 1855a, 20.—Johnston, 1865, 32.—Mont., 1888a, 84, 87; 1902, 138, 143; 1905, 75, 76.—Nitzsch, 1826, 150.—Odhn., 1905, 371 (of Oken, type is *diodontis*=Trist. *maculatum*).—Rud., 1809a, 24.—Stoss., 1898, 6 (of Oken).—Tasch., 1878, 563, 566 (syn. of Trist. *maculatum*=*Capsala martinieri*).
- 1891: Phyllinic Sons., 1891, 262, for Phylline.
- bumpusii* (Lint., 1900) Linst., 1903, 355.
- caligi* Kroyer.—Ben., 1858a, 1861a, 13 (syn. of *Udonella caligarum* Johnston).
- coccinea* (Cuvier, 1817) Schweigger, 1820, 474.—Dies., 1850, 429 (syn. of Trist. *rudolphianum*).—Johnston, 1865, 33.—Stoss., 1898, 5.—Tasch., 1878, 567 (*coccinea*) (syn. of T. *molæ*).
- cocinea* Tasch., 1878, 567 (for *coccinea*).
- diadema* (Mont., 1902) Linst., 1903, 355.
- diodontis* Oken, 1817, 182, 370, pl. 10, fig. 3 (based on Martinière, 1787a, 207-208, figs. 4-5, on *Diodon* sp.; Nölke to Monterey, Cal.).—Des., 1850a, 430 (syn. of Trist. *maculatum* Rud.).—Nitzsch, 1826, 150.—Odhn., 1905, 371.—Tasch., 1878, 567 (syn. of Trist. *mac. Rud.*).
- grossa* (Mueller, 1788) Johnston, 1865a, 35.—Dies., 1850a, 445 (to *Malacobdella*).—Leidy, 1852, 209 (= *Malacobdella grossa* Blainv.).
- hendorffii* Linst., 1889e, 163-180, pls. 10-11 (anatomy) (on *Coryphæna hippurus*; Caleta buena, Chile); 1893f, 170-172.—Braun, 1890a, 421, 426.—Mont., 1891, 126.
- hippoglossi* (Mueller, 1776) Oken, 1815.—Ben., 1858a, 1861a, 21 (to *Epibdella*).—Ben. & Hesse, 1864, 69 (to *Epibdella*).—Dies., 1850a, 426-427 (syns. *Epibdella hipp.* Blainv., *Hirudo hipp.* Mueller, Trist. *hamatum* Rathke); 1858e, 363; 1859c, 437 (in *Hippoglossus vulgaris*; Belgium).—Johnston, 1865a, 32; —, 431, pl. 15, figs. 1-3.—Kelliker, 1849, 21.—Linst., 1903, 355.—Moq.-Tandon, —, 392.—Nord., 18—, 526.—Odhn., 1905, 370 (to *Epibdella*), 371.—Tasch., 1878, 564, 565, 568 (to Trist.).—Thompson, —, 482.—Reported also for *Hippoglossus gigas*, H. *maximus*.

## PHYLLINE—Continued.

*monticellii* Par. & Perugia, 1895, 2.—St.-Remy, 1898, 534 (to *Epibdella*).—Stoss., 1898, 7 (in *Mugil auratus*; Trieste).

*sciænzæ* (Ben., 1856) Sons., 1891, 263 (in *Sciæna umbra*, *Umbrina cirrhosa*), 262 (Phyllinic).—Linst., 1889a, 76 (syn. of *Benedenia elegans*).

*solex* (Ben. & Hesse, 1863) Linst., 1903, 355.

*squamula* (Heath, 1902) Linst., 1903, 355.

**PHYLLOCOTYLE** Ben. & Hesse, 1863, 1864, 96, 103 (m. *gurnardi*).—Braun, 1890a, 413, 477, 516, 517, 523, 534, 536, 546; 1893a, 890.—Cerf., 1895h, 918; 1896, 514.—Gamb., 1896a, 73.—Hoyle, 1890, 539.—Mont., 1888a, 7, 8, 11, 66, 67, 86, 89, 100; 1892, Oct. 7, 213 (g. of *Octocotylinæ*); 1903, 336 (subf. *Plectanocotylinæ*); 1905, 76, 77, 78.—Pratt, 1900, 651 (on gills of marine fishes), 656, fig. 29.—Scott, T., 1901, 147.—Tasch., 1879, 69; 1879, 239, 247.

*gurnardi* Ben. & Hesse, 1863; 1864, 103–104, pl. 10, figs. 1–7 (in *Trigla gurnardus*).—Braun, 1890a, 418, 536, 548.—Mont., 1888a, 8, 13, 16; 1905, 76.—Pratt, 1900, 656, fig. 29; 657.—Scott, 1901, 147–148, pl. 8, fig. 23 (in *Trigla gurnardus*); 1905, 115–116, pl. 6, figs. 19–20 (in *Trigla gurnardus*); 1905, 116 (of Scott, 1901, 147, pl. 8, fig. 23) (syn. of *Plectanocotyle lorenzii*).—Tasch., 1879, 247 (in *Trigla gurnardus*).

**PHYLLODISTOMUM** Braun, 1899g, 492 (tod. folium) (Braun also places here: *D. cynoides* Zed., after Looss, 1894, 23; *D. cymbiforme* Rud.; *D. patellare* Sturg.); 1901b, 9–10.—Looss, 1900d, 605; 1901b, 202, 203, 204, 207 (*Gorgoderinæ*; folium, *patellare*); 1901l, 557, 558; 1902m, 476, 477, 478, 479, 480, 515, 795, 797, 813, 814, 824, 827, 844, 847, 856, 857, 858, 859, 860, fig. 3; 861, 862 (*Gorgoderinæ*).—Odh., 1901, 64, 65, 66, 67; 1902, 37; 1902, 64, 65, 66.—Pratt, 1902, 888, 900, 901.—Stiles, 1901, 183, 185.—See also *Rhopalocerca*. 1899: *Spathidium* Looss, 1899b, 605 (folium) [not Duj., 1841].

*acceptum* Looss, 1901b, 203 (in bladder of *Crenilabrus pavo*, *C. griseus* at Trieste); 1901d, 404–405, fig. 4; 1902m, 480, 782, 798, 844, 857.—Odh., 1901, 66; 1902, 66.

*americanum* Osborn, 1903, 252–258, figs. 1–4 (in *Amblystoma punctatum*; Minnesota); 1903, 532–533 (in *A. tigrinum* Green; Minnesota).

*conostomum* (Ols., 1876) Looss, 1902m, 857.

*cymbiforme* (Rud., 1819) [Braun, 1899, 492] Luehe, 1900, 564; 1901b, 10–13, fig. 1.—Looss, 1902m, 469 (to *Plesiochorus*, type).

*folium* (Olfers, 1816) Braun, [1899, 492.] 1901, 947; 1902b, 146.—Looss, 1901, 202; 1902m, 480, 782, 797, 798, 827, 857, 862.—Luehe, 1901, 54.—Osborn, 1903, 252, 254, 255; 1903, 533.—Ssinitzin, 1905, 75, 101, 108; 1906, 683 (near Warschau), 684 (in *Cottus gobio*, *Dreissenia polymorpha*), 685 (to *Gorgoderina*).—Staff., 1904, May 3, 492 (in bladder of *Esox lucius*; Canada).

*linguale* Odh., 1902, 66 (in *Gymnarchus niloticus*; Omdurman, Sudan).—Looss, 1902m, 480, 857, 861.

*patellare* (Sturges, 1897) [Braun, 1899, 492].—Looss, 1901b, 202; 1902m, 480, 844, 857.—Osborn, 1903, 252, 254, 255; 1903, 533.

*spatula* Odh., 1902, 66–67 (in *Bagrus docmac*, *B. bayad*; Omdurman, Sudan).—Looss, 1902m, 480, 861 (type of *Catoptroides*).—Osborn, 1903, 254; 1903, 533.

*spatulæforme* Odh., 1902, 67–68 (in *Malapterurus electricus*; Omdurman, Africa).—Looss, 1902m, 480, 861 (to *Catoptroides*).

*superbum* Staff., 1904, 492 (in *Ameiurus nebulosus*, *Perca flavescens*; Canada; fish probably brought to Montreal).

*unicum* Odh., 1902, 66 (in *Serranus* sp.; Tor in Sinai, Red Sea).—Looss, 1902m, 480, 857, 861.—Osborn, 1903, 255; 1903, 533.

**PHYLLONELLA** Ben. & Hesse, 1863; 1864, 65, 66, 70–71 (m. *soleæ*).—Braun, 1890a, 412, 414, 469, 471, 475, 490, 498, 511, 516, 517, 519, 523, 526, 527.—Gamb., 1896a, 73.—Massa, 1906, 43.—Mont., 1888a, 7, 10, 13, 20, 66, 86, 87, 97; 1892, Oct. 7, 172, 213 (syn. of *Epibdella*); 1899, 98; 1902, 139 (*Phylonella*), 140, 142; 1903, 335 (= *Epibdella*).—Pratt, 1900, 848.—Tasch., 1878, 566 (syn. of *Trist.*) (*Phylonella*).—Scott, T., 1901, 142.

1878: *Phylonella* Lorenz, 1878a, 434.

*hippoglossi* (Mueller, 1776) Goto, 1899, 264–269, pl. 20, figs. 1–7.—Linst., 1903, 280.—Mont., 1902, 140; 1905, 75, to (*Epibdella*).

## PHYLLONELLA—Continued.

*solex* Ben. & Hesse, 1863; 1864, 70-71, pl. 5, figs. 1-8 (in *Solea vulgaris*).—Braun, 1890a, 409, 418, 424, 446, 465, 475, 512, 519, 528, 547, 552.—Cunningham, 1890a, 93-96, figs. C-D.—Goto, 1899, 266.—Lorenz, 1878a, 434.—Mont., 1892, 106, 115, 124, 125, 126 (to *Epibdella*); 1902, 139 (to *Epibdella*).—Pratt, 1900, 655, 657, fig. 6.—Scott, 1901, 142-143, pl. 8, fig. 17 (in S. v.; Clyde River); 1901, 344 (in *Solea vulgaris*; Irish Sea); 1905, 118 (in Scott, 1901, pl. 8).—Tasch., 1878, 564, 568 (*Phyllonella*) (to Trist.).

PHYLONELLA Lorenz, 1878a, 434, for Phyllonella.

PINTNERIA Poche, 1907, Jan. 4, 125, *Hoploderma* Cohn, 1893, not *Michælis*, renamed, hence type *mesocœlium*.

PLACOPLECTANUM Dies., 1858e, 315, 384 (*Discocotyle*, 1850, renamed, hence type *sagittatum*; also type by first species rule and because it is the only positive species).—Braun, 1890a, 518.—Tasch., 1879, 239.

*hirundinaceum* (Bartels, 1834) Dies., 1858e, 384, to (*Discocotyle*).

*leptogaster* (Leuck., 1830) Dies., 1858e, 384 to (*Discocotyle*).—Tasch., 1879, 245 (to *Octobothrium*).

*sagittatum* (Leuck., 1842) Dies., 1858e, 384.—Tasch., 1879, 244 (to *Octobothrium*).—Linst., 1879 (reported for *Catostomus teres*).

PLACUNELLA Ben. & Hesse, 1863; 1864, 65, 66, 71-74 (*pini* type by page precedence).—Braun, 1890a, 411, 412, 415, 469, 498, 511, 516, 517, 519, 523, 526, 528; 1891d, 422.—Gamb., 1896a, 73.—Massa, 1903, 252; 1906, 43, 44, 51 (syn. of *Trochopus*), 58 (*Ptacunella*).—Mont., 1888a, 7, 10, 11, 13, 52, 66, 86, 87, 97; 1891, 104, 105, 107, 111; 1899, 98; 1903, 335 (= *Trochopus*).—Par. & Perugia, 1890, 13.—Par. & Mont., 1902, Dec., 46.—Pratt, 1900, 646, 648.—St.-Remy, 1898, 534.—Scott, T., 1901, 143.—Stoss., 1898, 7-8.—Tasch., 1878, 566 (syn. of Trist. Cuv.).

1906: *Ptacunella* Massa, 1906, 58, misprint.

*exacantha* Mont., 1891, 104, for *hexacantha*.

*hexacantha* Par. & Perugia, 1889, 740-741, fig. 1 (in *Serranus gigas*; Genova); 1890, 740-741, fig. 1; 1890, 5; 1894, 594.—Braun, 1890a, 418, 528, 547, 552.—Massa, 1906, 47, 59 (to *Trochopus*).—Mont., 1891, 1892g, 104, pl. 6, fig. 31 (*exacantha*).—Par., 1899, 3; 1902, 2 (in S. g.; Elba).

*pini* Ben. & Hesse, 1863; 1864, 72, 73, pl. 5, figs. 9-18 (in *Trigla pini*).—Braun, 1890a, 418, 465, 528, 547, 552.—Par. & Perugia, 1889, 740; 1890, 740; 1890, 5; 1899, 3.—Massa, 1906, 57 (to *Trochopus*), 64 (of Scott, 1901, 344) (syn. of *Trochopus diplicanthus* Massa).—Mont., 1888a, 11.—Par., 1902, 2 (in *Trigla hirundo*; Elba).—Pratt, 1900, 655, 657, fig. 8.—Scott, 1901, 344-345, 1 fig. (in *Trigla hirundo*; Irish Sea); 1901, 143 (in *Trigla pini*).—Tasch., 1878, 564-685 (to Trist.).

*rhombi* Ben. & Hesse, 1863; 1864, 73-74, pl. 6, figs. 1-7 (in *Rhombus maximus*).—Braun, 1890a, 412, 419, 465, 528, 547, 551.—Massa, 1906, 58 (to *Trochopus*).—Mont., 1888a, 11.—Tasch., 1878, 564, 568 (to Trist.).

*vallei* Par. & Perugia, 1895, (3) (in *Naucrates ductor*; Genova).—Looss, 1902m, 746.—Massa, 1903, 252; 1906, 44.—St.-Remy, 1898, 534.—Stoss., 1898, 8 (in *Naucrates ductor*; Trist.).—Type of *Ancyrocotyle* 1903.

PLACUNELLÆ Par. & Perugia, 1889, 740; 1890, 740.

PLAGIOPELTINÆ Mont., 1903, 336 (subf. of *Octocotylidæ*).

PLAGIOPELTIS Dies., 1850a, 289, 416-417 (m. duplicata); 1858e, 314, 368-369.—Ben. & Hesse, 1864, 84.—Braun, 1890a, 518, 546.—Cerf., 1895h, 920; 1896, 515.—Goldb., 1855a, 19.—Mont., 1903, 336 (syn. of *Hexacotyle*).—Tasch., 1879, 249 (syn. of *Hexacotyle* Blainv.).—See *Hexacotyla*.

*duplicata* (Rud., 1819) Dies., 1850a, 417 (includes *Polyst. thynni* Delaroche, 1811; *Hexacotyla thynni* Blainv.); 1858e, 369 (in *Thynnus brachypterus*; Balearic Isles, Vindobonæ).—Tasch., 1879, 250 (syn. of *Hexacotyle thynni* (Delaroche)).

*thynni* (Delaroche, 1811) Braun, 1891d, 421.

PLAGIOPORUS Staff., 1904, May 3, 493-494 (m. *serotinus*); *πλάγιος*, oblique; *πόρος*, pore.

*serotinus* Staff., 1904, May 3, 493-494 (in *Moxostoma macrolepidotum* L. S.; Canada).

**PLAGIORCHIDÆ** Luehe, 1901, 173; 1901, 486, 487.—Looss, 1902m, 839, 840 (includes: Lepodermatinae Looss, Brachyceliniæ Looss, Pleurogenetinae Looss, also Prymnoprion, Haplometra, Pneumonæces (=Hæmatolæchus), Saphedra (=Macrodera), Opisthogonimus Luehe, Anchitrema, Dist. mutabile, Dicroceliinae).

**PLAGIORCHIINÆ** Pratt, 1902, 888, 898 (includes: Opisthioglyphe, Plagiorchis; related genera: Glossidium, Enodiotrema, Pachypsolus).

**PLAGIORCHINÆ** Luehe, 1901, 173.

**PLAGIORCHIS** Luehe, 1899k, 531, 532, 533, 534 (tld. *D. lima*); 1900, 558; 1901, 487 (*lima* designated type).—Braun, 1901b, 56, 58; 1901i, 56, 58; 1901, 563, 564, 567, 568; 1902b, 37, 40, 41, 42, 43, 46, 47, 49, 50, 53, 54, 94, 125 (syn. *Lepoderma* Looss, 1899).—Looss, 1900, 607; 1901b, 207; 1902m, 813, 824; 1907, Mar. 5, 483.—Pratt, 1902a, 888, 899.—Staff., 1905, Apr. 11, 691.—Stoss., 1904, Feb. 11, 1-2, 1 pl., 1 fig.; 1905, 31 Jan., 24.—(See also *Dist. cirratum*, *D. lima*, *mentulatum*, and probably *D. erraticum*, *D. ramlianus*, *D. reniforme* (=unicum [=renifera]), *D. horridum* Leidy, possibly *didelphidis*).

*asperus* Stoss., 1904, 1-2, 1 pl., 1 fig. (in intest. ten. of *Plecotus auritus*; Grisi-gnana, Istria).

*cirratum* (Rud., 1802) Luehe, 1899, 530.—Braun, 1901, 564, 566; 1902b, 43, 46, 47, 50 (syns.: *Fasc. cirrhata* Rud., 1802, 66; *Dist. cirr. Rud.*, 1809a, 376; 1819a, 100; Dies., 1850a, 350; Mueh., 1896, 262; *Dist. (Brachylaimus) cirratum* Duj., 1845a, 413; Stoss., 1892, 11).—Staff., 1905, Apr. 11, 693.

*didelphidis* (Par., 1896) Stoss., 1904, table (in *Didelphis marsupialis*; Paraguay).

*elegans* (Rud., 1802) Braun, 1902b, 38, 42, 43, 46, 47, 50 (syns.: *Fasc. elegans* Rud., 1802, 65; *Dist. elegans* Rud., 1809a, 375; 1819a, 100; *Crep.*, 1829, 59; Dies., 1850a, 349; *Dist. (Brachylaimus) elegans* Stoss., 1892, 11, as syn. of *D. cirratum*; Duj., 1845a, 414; *D. erraticum* Linst., 1894, 335; *D. elegans* Rud. = *D. cirratum* Rud., Mueh., 1896; 589).—Stoss., 1904, table (in *Uccelli insettivori diversi*; Europe).

*horridus* (Leidy, 1850) Stoss., 1904, table (in *Boa*, India; *Python*, America).

[*lima* (Rud., 1809) Luehe, 1899k, 930-931.]

*maculosus* (Rud., 1802) Braun, 1901, 943; 1902b, 45, 46, 47, 54, 93, 94, figs. 27, 28 (syns.: *Fasc. hirundinis* Frœlich?, 1791, 75; *Dist. hirundinis* Zed., 1800a, 169; *Fasc. maculosa* Rud., 1802, 67; *Dist. maculosum* Rud., 1809a, 374; Duj., 1845a, 412; Dies., 1850a, 349; *D. maculosum* = *P. maculosum* Braun, 1901, 566; *D. (Dicrocelium) maculosum* Ols., 1876, 14; *D. (Brachylaimus) maculosum* Stoss., 1892, 11; *D. crassum* Ols., 1876, 25 nec Siebold).—Kowal., 1902d, 27 [9] (*maculosa*); 1904, 25 [10] (in *Hirundo rustica*; Dublany).

*mentulatus* (Rud., 1819) Stoss., 1904, table (in *Tropidonotus*, *Lacerta*, *Podarcis*; Europe).

*nanus* (Rud., 1802) Braun, 1901, 567; 1902b, 47, 50, figs. 29, 30 (syns.: *Fasc. nana* Rud., 1802, 68; *Dist. nanum* Rud., 1809a, 376; 1819a, 101; Duj., 1845a, 446; Dies., 1850a, 350; Stoss., 1892, 41).—Stoss., 1904, table (in *Glareola*, *Scolopax*; Greifswald).

*pernirtus* Braun, 1901, 943 (in *Hirundo rustica*; Coll. Vienna); 1902b, 46, 54, figs. 33, 34.—Stoss., 1904, table (in *rondine*; Vienna).

*ramlianus* (Looss, 1896) Stoss., 1904, table (in *Cameleonte*; Egitto).—Type of *Lepoderma*, 1899.

*sauromates* (Poir., 1886) Stoss., 1904, table (in *Elaphis*).

*triangularis* (Dies., 1850) Braun, 1901, 568; 1902b, 51, figs. 32, 33 (syns.: *Dist. triangulare* Dies., 1850a, 351; Stoss., 1892, 44; *D. (Brachylaimus) meropis* Par., 1896, 5; *Megacetes triangularis* Looss, 1899, 725).—Stoss., 1904, table (in *Merops apiaster*; Vienna).

*respertilionis* (Mueller, 1784) Braun, 1900, 217-220, 228, 230, pl. 10, figs. 1-2.—Staff., 1905, April 11, 693 (syn. *Dist. lima*; in *Vespertilio subtilis* Say; Canada).—Stoss., 1904, 1, table (in *Chiropteri diversi*; Europa centrale).

*vitellatus* (Linst., 1875) Braun, 1901, 943 (in *Actitis hypoleucos*); 1902b, 50, 51, fig. 31 (syns.: *Dist. vitellatum* Linst., 1875, 189; *D. (Brachylaimus) vitellatum* Stoss., 1892, 12).—Stoss., 1904, table (in *Actitis hypoleucos*; Ratzeburg).

**PLANARIA** Mueller, 1776 (worm); 1780, 210; Gœze, 1782a (trematode); Brown, 1827 (mollusk); Lea, 1833 (mollusk). [The early literature on *Planaria* is rather confused, containing references to turbellaria, trematodes, and mollusks. The name is now confined to the fresh-water turbellarian group *Pla-*

## PLANARIA—Continued.

- nariidæ. The list of species given below contains all the specific (trematode and others) names which we have thus far had occasion to index. We have not worked out the type species, except for Gœze, 1782.]
- of Braun, — Dies., 1850a, 412 (syn. of Polyst.).—Tasch., 1879, 251 (syn. of Polyst.).
- of Gœze, 1782a, 41, 168–179, a genus or “Geschlecht” containing among others *Fasc. hepatica*, hence takes this as type; Gœze divides *Planaria* into 4 “Gattungen”: *Latiuscula*, *Teres* seu *Cylindrica*, *Alata* seu *Dubia*, *Subclavata*.—Abildg., 1790a, 36 (syn. of Dist.); 1794, 58.—Brand., 1888a, 8.—Braun, 1893a, 883, 884, 893, 894, 902, 908.—Crep., 1837, 309.—Dies., 1850a, 307 (syn. of Hemist.), 312 (syn. of Holost.), 318 (syn. of *Diplodiscus*), 331 (of authors, syn. of Dist.), 388 (of Gœze, 1782a, 177, pl. 16, syn. of Dist. *ferox*).—Lamouroux, 1824a, 559 (syn. of Dist.).—Nitzsch, 1819, 397.—Rafinesque, 1815, 151 (syn. of *Monostomeus* Raf.).—Rud., 1809a, 22.—Stiles, 1901, 180.—Stiles & Hass., 1898a, 88, 92 (syn. of *Fasc.*).
- of Linn.—Bosc, 1802a, v. 1, 248–254.
- fresh water.—Knapper, 1865a, 39 pp., 2 pls.; 1866a, 271–272.
- land.—Kennel, 1878a, 26–29 (Dorpat).—Moseley, 1874, 132 (Ceylon).
- marine.—Collinwood, 1876a, 83–98, pls. 17–19 (31 species).—Gœtte, 1878a, 75–76.—Keferstein, 1869a, 3–38, pls. 1–3 (St. Malo).—Kirk, 1882, 267–268.—Monti, 1900, 1–16, 2 pls. (regeneration).—Quatrefages, 1845, 129–184.
- miscellaneous.—Agassiz, 1866, 306–309.—Baer, 1826a, 126; 1827b, 1828d, 183–187 (of Dugès).—Bardeen, 1902, 262–288, 12 figs. (embryology, regenerative development); 1903, 1–20, 18 figs. (heteromorphosis).—Bory de St. Vincent, 1828b, 11.—Calkins, 1901b, 12 (of Agassiz).—Curtis, 1905, July 4, 169–175, 2 figs. (location of pharynx in embryo); 1905, 855–856.—Cuvier, 1817, 43.—Dalyell, 1814a.—Dugès, 1828a, 139–183, pls. 4–5 (planariées); 1830a, 169–183; 1830b, 72–90, figs. 1–26; 1833b, 619–625, figs. 1–26.—Fabricius, 1794, 20; (1798a), 52–66, pl. 2.—Faraday, 1832a, 723–724; 1833a, 183–185; 1834a, 994.—Fischer, 1799, 96.—Geddes, 1880a, 51–58; 1880b, 99–100.—Gerstfeldt, 1859a, 261–263.—Girard, 1850a, 398–402; 1850b, 300–308; 1851a; 1851b; 1854a (from Carolina).—Graber, 1879a, 278 (ameboid epithelium).—Grube, 1872a, 273–292, pls. 11–12 (from Baikal).—Herbet, 1787a, 33, 36, 94.—Houghton, 1867a, 300–301 (n. sp.); 1870a, 255–257, figs. 1–2 (2 sp. from Borneo).—Hoyle, 1890, 49.—Johnson, 1822a, 437–447, figs. 1–17; 1825b, 247–256, pl. 16, figs. 1–11; 1833b, 177–178; 1883c, 238.—Kœlliker, 1846a, 291–295, figs. 1–13.—Lamarck, 1801a, 330.—Lankester, 1890, 835–836.—Lawson, 1861a; 1861b.—Leidy, 1847e, 252 (2 sp.); 1848a, 78–79.—Leuck., 1863, 154.—Morgan, 1904, 502–505.—Pallas, 1781a, 59.—Rathke, 1799, 82; 1799, 147, pl. 2, figs. 7–8.—Ryder, 1882, 48–51, figs. 1–10 (parasitic on *Limulus*).—Sabussow, 1904, 1–28.—Schneider, 1866, 11.—Slawikowski, 1819, 56.—Thienemann, 1906, 499–504.
- alata* Gœze, 1782a, 176–177, pl. 14, figs. 11–13 (t. h. the fox).—Brand., 1888a, 60 (to Hemist.).—Dies., 1850a, 307–308 (to Hemist.).—Nitzsch, 1819, 399 (to Holost.).—Rud., 1809a, 402 (to Dist.).—Ward, 1895, 341 (to Hemist; in *Canis familiaris*).
- alpina* (Dana).—Collin, 1891b, 177–180; 1891c, 177–180.—Borelli, 1905, 4 pp.—Brand., 1900, 303–304.—Fredericq, 1905, 199–200; 1905 (X. 18), 597 (in Belgium).
- angulata* (Mueller, 1774) Fabricius, 1798, 53–58, pl. 11, figs. 1–7.—Bosc, 1802a, v. 1, 256.—Herbet, 1787a, 34.
- ardæ* (Gmelin, 1790) Rud., 1809a, 432 (see Dist. *ardæ stellaris* Rud.).
- atomata* Bosc, 1802a, v. 1, 260.
- auriculata* Bosc, 1802a, v. 1, 261.
- badia* Rathke, 1799, 147, pl. 3, figs. 9, a–b.
- bicornis* Bosc, 1802a, v. 1, 257.
- bilis* Braun, 1790a, 61, pl. 3, figs. 4–5 (in *Falco melanaëtus*; Germany); 1792, 61, pl. 3, figs. 4–5.—Braun, 1901f, 561.—Dies., 1850a, 376 (syn. of Dist. *crassiusculum*).—Gmelin, 1790a, 3054 (to *Fasc.*).—Rud., 1809a, 408 (=Dist. *crassiusculum* Rud.).
- brunnea* (Mueller, 1774) —, 1776.—Fabricius, 1798, 64–66, pl. 11, figs. 13–15.—Bosc, 1802a, v. 1, 255 (*brunea*).—Herbet, 1787a, 33.

## PLANARIA—Continued.

- candida* (Mueller, 1774) — —, 1776.—Fabricius, 1798, 62–64, pl. 11, figs. 11–12.—Bosc, 1802a, v. 1, 262.—Herbst, 1787a, 35.
- capitata* Bosc, 1802a, v. 1, 261 (for *capitata*?), in Baltic Sea.
- capitata* (Mueller, 1774) — —, 1776.—Herbst, 1787a, 35.
- carnea* Rathke, 1799, 83, 147, pl. 3, figs. 10 a–b.
- caudata* (Mueller, 1774) Bosc, 1802a, v. 1, 261.—Herbst, 1787a, 35.
- cavatica* Fries, — —, 151–153.
- ciliata* (Mueller, 1774) — —, 1776.—Bosc, 1802a, v. 1, 255.—Herbst, 1787a, 34.
- cornuta* Mueller, 1776a, 221.—Bosc, 1802a, v. 1, 260.—Herbst, 1787a, 34.
- crenata* (Mueller, 1774) — —, 1776.—Bosc, 1802a, v. 1, 259.—Herbst, 1787a, 34.
- cylindrica* Goeze, 1782, 173: *P. teres* s. *cylindrica*, 174 (syn. of *cylindraceum*) (in frogs).—Dies., 1850a, 368 (syn. of *Dist. cylindraceum*).—Looss, 1894a, 64 (syn. of *Dist. cylindraceum*).—Rud., 1809a, 393.
- dubia* Goeze, 1782a, 177 (= *P. alata*).
- ehrenbergii* Focke, 1836a, 191–206, pl. 17, figs. 1–19.
- festæ* Borelli, 1898, 6 pp., 2 figs., var. *albolineata*.
- filaria* Bosc, 1802a, v. 1, 261.
- flaccida* (Mueller, 1774) — —, 1776.—Bosc, 1802a, v. 1, 256.—Herbst, 1787a, 34.
- fulva* Bosc, 1802a, v. 1, 257–258.
- fusca* Fabricius, 1798, 58 (syn. *Fasc. angulata* Mueller); 1799, 151.—Bosc, 1802a, v. 1, 258.
- fuscescens* Fabricius, 1798, 58–62, pl. 11, figs. 8–10; 1799, 151.
- gesserensis* Bosc, 1802a, v. 1, 262.
- glauca* (Mueller, 1774) Herbst, 1787a, 43.—Bosc, 1802a, v. 1, 258.
- gonocephala* Ackermann, 1905, 137–139, 4 figs.
- grisea* Bosc, 1802a, v. 1, 257.
- grossa* (Mueller, 1774) — —, 1776.—Bosc, 1802a, v. 1, 260.—Herbst, 1787a, v. 1, 35.
- gulo* (Mueller, 1774) — —, 1776.—Bosc, 1802a, v. 1, 255.—Herbst, 1787a, 34.
- helluo* (Mueller, 1774) Herbst, 1787a, 35.—Bosc, 1802a, v. 1, 259.
- hirudo* Johnston, 1846a, 437, pl. 15, fig. 3.—Dies., 1850a, 473.
- ignorata* Raspail, 1902, 119–123.
- inquilina* Graff, 1904, 457 (in *Schnecken*).
- insignis* Graff, 1904, 457 (in *Schnecken*).
- intestinalis* Mueller.—Abildg., 1790, 34 (syn. of *Fasc.*).
- lactea* (Mueller, 1774) Herbst, 1787a, 34.—Baer, 1826a, 126.—Bosc, 1802a, v. 1, 258–259.—Nord., 1832a, 69.—Tasch., 1879, 36.
- lagna* Braun, 1788a, 257, pl. 10, figs. 1–3.—Dies., 1850a, 380 (syn. of *Dist. nodulosum*).—Gmelin, 1790a, 3057 (to *Fasc.*).—Looss, 1894a, 33 (syn. of *D. nod.*).—Rud., 1809a, 410, 412 (syn. of *D. nod.*).
- latiuscula* Goeze, 1782a, 169, 171.—Anacker, 1892c, 94.—Dies., 1850a, 333 (syn. of *Dist. lanceolatum*), 385 (syn. of *D. echinocephalum* Rud.).—Dunglison, 1893, 875.—Macé, 1882, 25.—Rud., 1809a, 353 (= *Fasc. hepatica*), 429 (= *Dist. falconis milvi* Rud.).—Stiles & Hass., 1898a, 88.—Stiles, 1898a, 29.—Ward, 1895, 246 (syn. of *Fasc. hep.*).
- laurentiana* Borelli, 1897, 4 pp., 1 fig.
- limuli* Graff (1879), 202–205.
- linearis* (Mueller, 1774) Herbst, 1787a, 35.—Bosc, 1802a, v. 1, 260.—Rathke, 1799, 83, 147, pl. 3, fig. 11.
- lineata* (Mueller, 1774) — —, 1776.—Bosc, 1802a, v. 1, 258.—Herbst, 1787a, 34.
- lingua* Bosc, 1802a, v. 1, 262.
- littoralis* Herbst, 1787a, 35.
- lucii* (Mueller, 1776) Goeze, 1782a, 172, pl. 14, fig. 3.—Ben., 1858a, 1861a, 100 (syn. of *D. teret.*).—Dies., 1850a, 358 (syn. of *Dist. tereticolle*).—Looss, 1894a, 5 (syn. of *D. teret.*).—Rud., 1809a, 380.—Sramek, 1901, 105 (syn. of *D. teret.*).
- lugubris* Morgan, 1901, 179–212, 14 figs; 1902, 132–139, 24 figs.



## PLANARIA—Continued.

- maculata* Leidy, 1847e, 252; 1851b (free; Philadelphia); 1904a, 11, 54 (*maculta*).—Bardeen, 1901, 351-352 (regeneration).—Curtis, 1900, 56-59, 9 figs. (anat., development of reproductive organs); 1901, 357-359 (asexual reprod.); 1902, 515-559, 11 pls. (biol., reprod. organs).—Morgan, 1898-1900, 364-397, 41 figs.; 1904, 683-695, 1 fig.—Thacher, 1902, v. 36, 633-641; 1903, 24 Feb., 115-116.
- macula* Leidy, 1904a, 54, for *maculata*.
- marmorata* Bosc, 1802a, v. 1, 262 (free form).
- marmorosa* (Mueller, 1774) Herbst, 1787a, 35.
- melis* [Gœze, 1782a, 176, pl. 14, figs. 9-10, *Planaria* in Dachs. March].—Dies., 1850a, 381 (syn. of *Dist. trigonocephalum*).—Rud., 1809a, 415.
- midæ* (= *mydæ* renamed?) Dies., 1850a, 325 (syn. of *Monost. trigonocephalum*).—Braun, 1901b, 42.
- montenigrina* Mrazek, 1904a, 43 pp., 2 pls., 2 figs.; Montenegro.
- mutabilis* Eichwald, —, 78, pl. 9, fig. 16.—Dies., 1850a, 649.
- mydæ* Braun in Rud., 1809a, 336 (= *Monost. (Monost.) trigonocephalum* Rud., 1809).
- nigra* (Mueller, 1774) Herbst, 1787a, 33.—Bosc, 1802a, v. 1, 255.—(hiaje, 1837a, 14.
- notulata* Bosc, 1802a, v. 1, 254-255, pl. 8, figs. 7-8.
- obscura* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 259.—Herbst, 1787a, 35.
- operculata* Herbst, 1787a, 36.—Bosc, 1802a, v. 1, 256.
- polychroa* Tasch., 1879, 36.
- punctata* (Mueller, 1774) Herbst, 1787a, 34 [6], 35.—Bosc, 1802a, v. 1, 255.
- pusilla* Braun, 1790a, 63-65, pl. 3, figs. 6-7 (in *Erinaceus europæus*; Europe).—Dies., 1850a, 360 (to *Dist.*).—Gmelin, 1790a, 3055 (to *Fasc.*).—Rudolphi, 1809a, 384.
- pusio* Eichwald, —, 79, pl. 9, fig. 17.—Dies., 1850a, 648.
- putorii* Gmelin, 1790a, 3053.—Dies., 1850a, 381 (syn. of *Dist. trigonocephalum*).—[Gœze, 1782a, 175, pl. 14, figs. 7-8].—Nord., 1840, 621 (syn. of *Fasc. trigonocephala*).—Rud., 1809a, 415.
- quadrangulata* Bosc, 1802a, v. 1, 257.
- radiata* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 260.—Herbst, 1787a, 35.
- rosea* (Mueller, 1774) Herbst, 1787a, 34.—Bosc, 1802a, v. 1, 256.—Lamarck, 1801a, 330.
- rostrata* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 259.—Herbst, 1787a, 35.
- rubra* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 256.—Herbst, 1787a, 34.
- rutilans* Bosc, 1802a, v. 1, 258.
- schlosseri* Graff, 1904, 457 (in *Botryllus schlosseri*).
- simplicissima* Morgan, 1904, 385-393, 20 figs.—Stevens, 1904, 208-220, 4 pls.
- simplicissima* Curtis, 1900a, 10 Apr., 447-466, pls. 31-32, figs. 1-14 (reproductive system); 1900b.
- stagnalis* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 255.—Herbst, 1787a, 33.
- striata* Herbst, 1787a, 34.
- strigata* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 260.—Herbst, 1787a, 35.
- strigis* (Schränk, 1788).—Fischder., 1901, 367; 1902a, 7 (= *Holost. macrocephalum*, type of *Strigea*; 1903h, 490.
- subclavata* Gœze, 1782a, 178-179, pl. 15, figs. 2-3 (t. h. *Rana*, intestine; Europe) (restricted from *Fasc. subclavata*, ore sessile, Pallas).—Ben., 1858a, 1861a, 81, 82 (to *Amphist.*).—Dies., 1850a, 318 (to *Diplodiscus*).—Nitzsch, 1819, 398 (to *Amphist.*).—Nord., 1840, 627 (to *Amphist.*).—Olfers, 1816, 45.—Rud., 1809a, 348 (to *Amphist.*).
- subulata* Herbst, 1787a, 36.—Bosc, 1802a, v. 1, 257.
- tentaculata* (Mueller, 1774) —, 1776.—Baer, 1826a, 126.—Bosc, 1802a, v. 1, 259.—Herbst, 1787a, 34.
- teres* seu *cylindrica* Gœze, 1782a, 173.—Linst., 1905, 191.—Looss, 1899b, 680.
- teres duplici poro* Gœze, 1782a, 173.—Baird, 1853a, 55 (= *Dist. trigonocephalum*).

## PLANARIA—Continued.

- terea poro simplici* Gœze, 1782a, 173, 174, pl. 14, figs. 4-6.—Baird, 1853a, 47, 55 (=Holost. macrocephalum).—Dies., 1850a, 312 (syn. of Holost. variabile), 383 (syn. of D. echinatum).—Rud., 1809a, 340, 418.
- terrestris* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 261.—Carrière, 1879a, 29 Dec., 668.—Herbst, 1787a, 35.—Jenyns, 1869a, 25.—Lubbock, 1868a, 193-195 (in England).
- tetragona* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 261.—Herbst, 1787a, 35.—Mueller, —, v. 3, 42 (=Fasc. tetragona) (free form).
- torva* (Mueller, 1774) Herbst, 1787a, 34.—Baer, 1826a, 126.—Ben., 1858a, 1861a, 198.—Bosc, 1802a, v. 1, 259, pl. 8, fig. 9.—Flexner, 1898, 337-346, 1 pl. (regeneration of nervous syst.).—Mont., 1888a, 44.
- tremellaris* (Mueller, 1774) —, 1776.—Herbst, 1787a, 35.
- trimellaris* Bosc, 1802a, v. 1, 262.
- truncata* Bosc, 1802a, v. 1, 262.
- truncata* Leidy, 1851 (free form; Newark, Del.); 1904a, 54.
- uncinulata* Braun, 1790a, 58-61, pl. 3, figs. 1-3 (in *Rana esculenta*; Germany).—Dies., 1850a, 412 (syn. of Polyst. integerrimum).—Gmelin, 1790a, 3056 (to Fasc.).—Rud., 1809a, 451.—Stoss., 1898, 10.
- unicicola* Graff, 1904, 457 (in Muscheln).
- velella* Graff, 1904, 456.
- ventricosa* Bosc, 1802a, v. 1, 257.
- vespertilionis* (Mueller, 1784).—Dies., 1850a, 387 (of Gœze, 1782a, 171, pl. 14, f. 1-2, syn. of *Distomum lima*).—Kolenati, 1857, 12.—Rud., 1809a, 427.
- viridata* Bosc, 1802a, v. 1, 258.
- viridis* Bosc, 1802a, v. 1, 256.—Herbst, 1787a, 34.

PLANARIADÆ Mell, 1903, 191-236, 3 pls., 4 figs. (of madagassischen Subregion).

PLANARIÆ Fabricius, 1799, 151.—Blainv., 1828a, 577 (fam.).—Darwin, 1844a, 14 Oct., 241-251, pl. 5, figs. 1-4.—Faraday, 1832a, 11 Feb., 723-724; 1833a, Jan., 183-185; 1834a, 994.—de Férussac, 1821a, 90-92, pl. 116 (sp. in Brazil).—Girard, 1850a, 398-402 (embryology); 1851a, 258-273; 1851b, Jan., 41-53.—Houghton, 1870a, Sept., 255-257, figs. 1-2 (from Borneo).

PLANARIIDÆ Pease, 1860, 37-38 (of Sandwich Islands).

PLATYASPIS Mont., 1892, Oct. 7, 205 (m. lenoiri).—Braun, 1893a, 888, 890, 891, 894, 896, 897, 917; 1893b, 188.—Gamb., 1896a, 73.—Kofoid, 1899a, 181, 182, 183, 184.—Looss, 1902m, 428, 429.—Nickerson, 1902, 613, 615.—Pratt, 1902, 887, 891.—Stoss., 1899, 4.

*anodonta* Osborn, 1898, 416 (in *Unio luteolus*, *Anodonta*; Lake Chautauqua, N. Y.).—Kofoid, 1899a, 179-186 (identity with *Cotylaspis insignis*); 1899b.

*lenoiri* (Poir., 1886) Mont., 1892, Oct. 7, 205-206 (in *Tetrathyra vaillanti*; Senegal).—Braun, 1893a, 897.—Looss, 1902m, 418, 428, 429, 783.—Nickerson, 1902, 613.

PLATYCOTYLE Ben. & Hesse, 1863; 1864, 96, 108 (m. gurnardi).—Braun, 1890a, 413, 498, 516, 517, 523, 534, 537, 546; 1893a, 890.—Cerf., 1895h, 918; 1896, 514.—Gamb., 1896a, 73.—Hoyle, 1890, 539.—Mont., 1888a, 8, 11, 86, 89, 100.—Pratt, 1900, 646, 651, 656, fig. 27.—Tasch., 1879, 69; 1879, 239, 248.

*gurnardi* Tasch., 1879, 248, for *gurnardi*.

*gurnardi* Ben. & Hesse, 1863, 108; 1864, 108-109, pl. 11, figs. 14-15 (in *Trigla gurnardus*).—Braun, 1890a, 418; 469, 537, 548, 552.—Pratt, 1900, 656, 657, fig. 27.—Tasch., 1879, 248 (*gurnardi*, in *Trigla gu[r]nardus*).

PLECTANOCOTYLE Dies., 1850a, 289, 420-421, 425 (m. elliptica).—Braun, 1890a, 413, 415, 516, 517, 523, 534, 537, 546; 1893a, 890.—Gamb., 1896a, 73.—Goldb., 1855, 19.—Hoyle, 1890, 539 (on gills of *Labrax mucronatus*).—Mont., 1888a, 11, 89, 100; 1892, Oct. 7, 213 (*Octocotylinæ*); 1899c, 1045-1053, figs. 1-12; 1903, 336 (subf. *Plectanocotylinæ*); 1905, 76-78.—Pratt, 1900, 646, 651, 656, fig. 30; 661 (on gills of marine fishes).—Tasch., 1879, 69 (of Ben. & Hesse); 1879, 239, 250 (syn. *Plectanophorus*).

1858: *Plectanophorus* Dies., 1858, 315, 382 (m. ellipticus).

## PLECTANOCOTYLE—Continued.

- elliptica* Dies., 1850a, 421 (t. h. *Labrax mucronatus*; loc. not given); 18—, 69, pl. 1, figs. 4-9; 1858e, 382 (to *Plectanophorus*).—Braun, 1890a, 408, 537, 548, 551.—Mont., 1905, 76.—Pratt, 1900, 656, fig. 30; 657, 661.—Tasch., 1879, 250 (in *Labrax mucronatus*).
- lorenzii* Mont., 1899, 1, 1 pl.; 1899c, 1045-1053, figs. 1-12 (on *Trigla* sp.; Rovigno); 1905, 76, 78.—Scott, 1905, 116 (syn. *Phyllocotyle gurnardi*) (in *Trigla* sp.).
- nordmanni* (Dies., 1850) Braun, 1890a, 418.—Type of *Encotyllabe*.
- PLECTANOCOTYLINÆ Mont., 1903, 336 (f. *Hexacotylidæ*).
- PLECTANOPHORA Dies., 1858.—Ben. & Hesse, 1864, 120.—Mont., 1888a, 84.
- PLECTANOPHORUS Dies., 1858e, 315, 382 (m. *ellipticus*; *Plectanocotyle* renamed); 1859c, 443.—Tasch., 1879, 250 (syn. of *Plectanocotyle* Dies.).
- ellipticus* (Dies., 1850) Dies., 1858e, 382 (in *Labrax mucronatus*), type of *Plectanocotyle* 1850.—Tasch., 1879, 250 (to *Plectanocotyle*).
- PLECTOBOTHRII Nord., 1840, 596.
- PLEORCHIS Rail., 1896, Mar. 15, 160 (for *Polyorchis* Stoss., 1892 [not Agassiz, 1862, cœlenterate]; type *polyorchis*).—Pratt, 1902, 887 (related to *Fasciolinæ*). 893.—Stiles & Hass., 1898a, 92, 97 (syns.: *Dist.* (*Polyorchis*) Stoss., *Polyorchis* Stoss.) (type *polyorchis*).—Stoss., 1898, 30.
- cygnoides* (Zed., 1800) Stoss., 1898, 31 (in *Bombinator igneus*; Trieste).
- mollis* (Leidy, 1856) Stiles, 1896, 213.
- polyorchis* (Stoss., 1889) Stiles, 1896, 205.—Stoss., 1898, 30-31 (in *Corvina nigra*; Trieste).
- urocotyle* Par., 1899, 6, 1 fig. (in *Scorpena scrofa*; Portoferrajo); 1902, 5 (in *Scorpena porcus*; Portoferrajo; *S. scrofa*; Elba).—Braun, 1902b, 23.—Odhn., 1905, 364.
- PLESIOCHORUS Looss, 1901b, 205 (m. *cymbiformis*); ὁ πλησιόχωρος, Grenznachbar; 1901, 557, 558; 1902m, 478, 479, 480, 481, 482, 483, 484, 485, 526, 814, 844, 857 (*Anaporrhutinae*); 858, 859, 860, 861, 863, fig. iv.—Odhn., 1901, 65, 67; 1902, 65, 67.—Pratt, 1902, 888, 901.
- cymbiformis* (Rud., 1819) Looss, 1901b, [205], 207, 209; 1901, 557, 558; 1902m, 414, 415, 417, 469-476 (includes *Dist. cymbiformis* Rud., 1819, 371; Sons., 1893, 2; Stoss., 1895, 38, pl. 4, fig. 1; Braun, 1899, 729; Looss, 1899b, 605; Phyllost. *cymbiforme* (Rud.) Braun, 1901, 1, pl. 1, fig. 1). 479, 480, 492, 788, 791 (amphitype very common), 813, 814, 844, 857, 863, 870, pl. 23, figs. 30-36.—Odhn., 1902, 68.—Reported for *Chelone mydas*, *Thalassochelys corticata*.
- PLEUROCOTYLE <sup>a</sup> Gerv. & Ben., 1859b, 194 (based upon Grube, 1855a, 137) (m. *scombri*).—Ben. & Hesse, 1864, 96.—Brand., 1898a, [17] 209.—Braun, 1890a, 413, 414, 462, 477, 516, 517, 523, 534, 535, 546; 1893a, 890.—Cerv., 1895h, 918; 1896, 514.—Dies., 1859c, 444 (syn. of *Grubea* Dies.).—Gamb., 1896, 73.—Hoyle, 1890, 539.—Mont., 1888a, 8, 11, 48, 84, 89, 99; 1892, Oct. 7, 213 (subg. in *Otocotylinae*); 1903, 336 (*Pleurocotylinae*).—Pratt, 1900, 646, 651, 656, fig. 28.—Tasch., 1879, 69; 1879, 239, 248 (syns.: *Octobothrium* ? Grube, *Tetracotyle* Grube, *Grubea* Dies.).—Ziegler, 1883, 552.—See *Grubea*.
- scombri* (of Grube, 1855) [Gerv. & Ben., 1859b, 194, does not use combination, based on Troschel's Arch., 1855, 137].—Ben. & Hesse, 1863, 100; 1864, 100 (syns.: *Octobothrium scombri* Grube, *Grubea scombri*) (in Maquereau).—Braun, 1890a, 407, 414, 418, 462, 518, 535, 548, 552.—Knoch, 1894a, 11, 12.—Lang, 1880.—Mont., 1888a, 48, 49.—Par., 1894, 549, 595, 671, 680; 1902, 3 (in *Scomber colias*, *S. scomber*, *S. sp.*; Portoferrajo).—Par. & Perugia, 1890, 7.—Pratt, 1900, 656, 657, fig. 28.—Scott, 1901, 147.—Tasch., 1878, 575-577; 1879, 35; 1879, 248-249 (syns.: *Octobothrium* sc. Nord., *Tetracotyle* sc. Grube, *Grubea cochlear* Dies.) (in *Scomber scombrus*, *S. colias*; Naples).
- PLEUROCOTYLIDÆ Mont., 1903, 336 (subf. *Pleurocotylinae*, g. *Pleurocotyle*).
- PLEUROCOTYLINÆ Mont., 1903, 336 (f. *Pleurocotylidæ*).
- PLEUROGENES Looss, 1896b, 97 (tod. *claviger*) (πλευρά=side; γενάω=procreate); 1899b, 614, 615, 616-617, 622, 623; 1901, 194; 1902m, 820, 838.—Luehe, 1899, 536; 1900, 509.—Pratt, 1902, 889, 902.—Staff., 1905, Apr. 11, 683, 684.—Stiles, 1901, [183] (*Pleuronectes*, *lapsus calami*), 185.—Stoss., 1899, 7, 10.

<sup>a</sup> Gervais & Ben. use both *Pleurocotyle* and *Pleurocotylus*, but they evidently intended the former as a French vernacular name, the latter as the Latin scientific name. Later authors apparently overlooked this fact.

## PLEUROGENES—Continued.

- arcantum* (Nickerson, 1900) Pratt, 1902, 959.—Klein, 1905, 13 (*arcana*); 1905, 71 (*arcanus*).—Staff., 1905, 683 (type of *Loxogenes*).
- betencourti* (Mont., 1893) Stoss., 1899, 10 (in *Scyllium canicula*, *S. stellare*; Boulogne).—Looss, 1899b, 622.
- brusinae* (Stoss., 1889, 25) Stoss., 1899, 10 (in *Oblata melanura*; Trieste).—Looss, 1899, 622.—Type of *Diphtherostomum*, 1904.
- claviger* (Rud., 1819) Looss, 1899b, 569, 617; 1902m, 787, 820.—Klein, 1905, 11, 13, 17; 1905, 69.—Kowal., 1902d, [9] 27 (syns.: *Dist. cl. Rud.*, *D. neglectum* Linst.); 1904, [7] 22.—Luehe, 1901, 171; 1901, 57.—Odhn., 1900, 17.—Ssinitzin, 1905, 146.—Staff., 1905, Apr. 11, 684 (type).
- confusus* (Looss, 1894) Klein, 1905, 68; 1905, 10, 11, 12, 13, 17.
- gastroporus* Luehe, 1901p, 166–171 (in *Rana cyanophlyctis* Schneider; India).—Klein, 1905, 10, 11, 13, 14; 1905, 68, 69.—Staff., 1905, Apr. 11, 684.
- glaviger* Ssinitzin, 1906, 687 (for *claviger*).
- medians* (Olss., 1876) Klein, 1905, 10, 11, 12, 13, 14, 17, 18; 1905, 68.—Looss, 1899b, 617; 1902m, 820, 824.—Luehe, 1901, 57; 1901, 171.—Odhn., 1900, 17.—Ssinitzin, 1905, 145–146; 1906, 687 (in *Agrion* and beetle larvæ; Warschau). Staff., 1905, Apr. 11, 683 (syn. of *Loxogenes arcantum*), 684, 685.—Stoss., 1900, 7–8, fig. 12 (in *Rana esculenta*; Trieste); 1900, 17.
- sphaericus* Klein, 1905, 68–72, pl. 5, figs. 4–5 (in *Rana hexadactyla*; Königsberg, from India); 1905, 10–14, pl. 1, fig. 5.
- tacapense* (“Sons., 1894” of Looss, 1896) Stoss., 1899, 10 (= *Prosoctus tener* [tacapense was a misdetermination]) (in *camaleonte*; Tunisia; Alessandria).
- tacapensis* (Sons., 1894) Looss, 1899b, 622.
- tener* (Looss, 1898) Looss, 1898, 461; 1899b, 622.—Klein, 1905, 10, 11, 12, 13; 1905, 68.

PLEUROGENETINÆ Looss, 1899b, 615, 623; 1902m, 839.—Luehe, 1900, 561; 1901, 171.—Odhn., 1902, 38, 42; 1902, 40.—Pratt, 1902, 889, 902 (includes: *Prosoctus*, *Pleurogenes*, *Gymnophallus*, *Lepidophyllum*).—Stoss., 1904, 198.—Ward, 1901, 185.

PLEUROGONINÆ Braun, 1900a, 1664, 1674.

PLEUROGONIUS Looss, 1901l, 567, 568, 569 (tod. *longiusculus*); 1902m, 417, 557, 564, 569, 570 (type *longiusculus*), 572, 579, 583, 588, 589, 591, 594, 595, 596, 597, 599, 603, 609, 610, 612–616.—Pratt, 1902, 890, 910.

*bilobus* Looss, 1901l, 569 (in *Chelone mydas*; Egypt); 1902m, 567–568, pl. 27, fig. 100; 569, 878, pl. 27, fig. 100.

*linearis* Looss, 1901l, 618 (in *Chelone mydas*; Egypt); 1902m, 565–567, 569, 878, pl. 27, fig. 99.

*longiusculus* Looss, 1902m, 582, misprint.

*longiusculus* Looss, 1901l, 568–569, 618 (in *Chelone mydas*; Egypt) (582 *longiusculns*); 1902m, 527, 558–561 (syn. *Monost. trigonocephalum* R. of Ben., 1859, 81, pl. 2, fig. 5; Walter, 1893, 191), pl. 27, figs. 94–98, pl. 32, figs. 176, 177; 562, 563, 564, 565, 566, 569, 570 (type of *Pleurogonius*), 588, 589, 591, 592, 596, 617, 788.

*minutissimus* Looss, 1901l, 7 Nov., 618–619 (in *Chelone mydas*; Egypt); 1902m, 568–569, pl. 27, fig. 101; 879.

*trigonocephalus* (Rud., 1809) Looss, 1901l, 567–568, 620 (in *Thalassochelys corticata*); 1902m, 416, 417, 548–558 (syns.: *Monost. trigonocephalum* Rud., 1809a, 336; 1819a, 349; Braun, 1901a, 38, pl. 2, fig. 29), pl. 26, figs. 75–78; 569, 570, 575, 588, 813, 876.—Cohn, 1904, 237.

PLEURONECTES Stiles, 1901, 183, *lapsus calami* for *Pleurogenes*.

PNEUMONÆCES Looss, 1902m, 732, 780, 839 (*Hæmatolæchus* Looss renamed) (type *variegatus*).—Klein, 1905, 64.—Staff., 1905, Apr. 11, 687 (syn. *Hæmatolæchus*).

1899: *Hæmatolæchus* Looss, 1899b, 600 (tod. *variegatus*) [not *Hæmatolæcha* Stål, 1874, hemipteron].

*asper* (Looss, 1899) Klein, 1905, 64; 1905, 6.

*breviplexus* (Staff., 1902) Staff., 1905, 687 (in lungs of American toads and frogs).—Klein, 1905, 3, 5, 6; 1905, 61.

## PNEUMONECES—Continued.

- capyristes* Klein, 1905, 60–65, pl. 5, figs. 1–2 (in *Rana hexadactyla*; from India); 1905, 2–7, pl. 1, figs. 1, 2.
- complexus* Seely, 1906, 249–252, figs. 1–2 (in *Rana pipiens*; North Carolina).
- longiplexus* (Staff., 1902) Staff., 1905, 681; 1905, Apr. 11, 687 (American frogs and toads).—Klein, 1905, 6; 1905, 64.—Seely, 1906, 249.
- medioplexus* (Staff., 1902) Staff., 1905, Apr. 11, 687 (syn. *Ostiolum formosum*) in American frogs and toads).—Klein, 1905, 3, 6; 1905, 61.—Seely, 1906, 252.
- similiplexus* (Staff., 1902) Staff., 1905, Apr. 11, 687 (in American frogs and toads).—Klein, 1905, 6; 1905, 64.—Seely, 1906, 252.
- similis* (Looss, 1899) Looss, 1902m, 762.—Klein, 1905, 2, 3, 4, 5, 6; 1905, 61.
- variegatus* (Rud., 1819) Looss, 1902m, 806.—Engler, 1904, 186.—Klein, 1905, 1, 2, 3, 4, 5, 6; 1905, 59.
- varioplexus* (Staff., 1902) Staff., 1905, Apr. 11, 687 (in American frogs and toads).—Klein, 1905, 3, 6; 1905, 61.

**PODOCOTYLE** (Duj., 1845) (tld. *angulatum* = *atomon*), see also (*Podocotyle*).—R. Bl., 1891, 609.—Braun, 1893a, 885, 886, 890, 909, 910; 1900h, 3.—Fil., 1857c, 9.—Jägers., 1901, 982.—Looss, 1899b, 528, 535, 538, 542, 647; 1902m, 721, 757, 764, 770, 771, 772, 827 (type *angulatum*).—Luehe, 1900u, 487–492; 1900v, 792; 1900, 562; 1901g, 42.—Mont., 1888a, 92, 105; 1892, Oct. 7, 214 (gen. of *Distominæ*); 1893, 150, 151, 152, 153, 155, 167, 168.—Odh., 1905, 326 (type *atomon*).—Pratt, 1902, 888 (related to *Opisthorchiinæ*). 896.—Sons., 1890, 140.—Stiles, 1901, 193, 196.—Stiles & Hass., 1898a, 92–93, 97 (syns.: ? *Schisturus* Rud., Dist. (*Podocotyle*) Duj.), type *angulatum*.—Stoss., 1892, 4; 1898, 24; 1902, 582.

*angulata* (Duj., 1845) Jägers., 1901, 982, see *atomon*.

*atomon* (Rud., 1802) Odh., 1905, 320–326, pl. 2, figs. 9–10 (syns.: Fasc. at., Dist. at., D. *angulatum*, D. *simplex* Rud. of Olss., *Allocreadium* at.), type of genus.—Nicoll, 1907, 68, 69, 70, 71, 73–77, pl. 1, figs. 1–2 (syns.: *Psilost. redactum*, Dist. *simplex*) (in *Centronotus grumellus*, *Cottus bubalis*, *C. scorpius*, *Gasterosteus aculeatus*, *Gobius ruthensparri*, *Liparis montagui*, *Motella mustella*, *Zoarces viviparus*).

*contortum* (Rud., 1819) Stoss., 1898, 24–25 (in *Orthogoriscus mola*; Trieste) [type of *Accacellium*].—Barbagallo & Drago, 1903, 409 (in *Orthag. mola*; Catania).

*fractum* (Rud., 1819) Stoss., 1898, 26 (in *Box salpa*; Trieste).—Barbagallo & Drago, 1903, 409 (in B. s.; Catania).—Osborn, 1903, 316.—Par., 1902, 4 (in B. s.; Portoferraio).

*furcatum* (Bremser, 1819) Stoss., 1898, 26 (in *Mullus barbatus*, *M. surmuletus*, *Solea vulgaris*; Trieste); 1899, 5.—Barbagallo & Drago, 1903, 409 (in *Mullus surmuletus*, *Solea vulgaris*; Catania).—Fischder., 1903h, 548.—Jägers., 1901, 982.—Looss, 1902m, 771.—Luehe, 1900, 490, 491 (*furcata*); 1901, 475.

*macrocotyle* (Dies., 1858) Stoss., 1898, 25 (in *Orthogoriscus mola*; Trieste).—Barbagallo & Drago, 1903, 409 (in *Or. mola*; Catania).

*olssoni* Odh., 1905, 326, 327, new name for Dist. *simplex* of Olss. (in *Gadus melanostomus*, *Lumprenus maculatus*; West Coast of Sweden).

*pachysomum* (Eysenhardt, 1829) Stoss., 1898, 27 (in *Mugil*; Trieste).—Barbagallo & Drago, 1903, 409 (in *Mugil cephalus*; Catania).

*pedicellatum* (Stoss., 1887) Stoss., 1898, 25 (in *Chrysophrys aurata*; Trieste).—Barbagallo & Drago, 1903, 409 (in *Chrys. aur.*; Catania).

*planci* Stoss., 1899, 5, fig. 9 (in *Ranzania truncata*; Trieste).—Looss 1902m, 637.

*reflexa* (Crep., 1825) Odh., 1905, 324, 326–327 (in *Cyclopterus lumpus*; West Coast of Sweden).

*retroflexum* (Mol., 1861) Stoss., 1898, 26–27 (in *Belone acus*; Trieste).—Barbagallo & Drago, 1903, 409 (in *Bel. ac.*, *Exocoetus volitans*; Catania).

species of Mueller, 1897, 23–24, 26, pl. 3, fig. 8 (in *Numenius arquatus*).

(**PODOCOTYLE**) Duj., 1845a, 388, 401 (tld. *angulatum*).

*angulatum* Duj., 1845a, 386, 401–402, designated type of subg. by Stiles & Hass., 1898a, 93, (t. h. *Anguilla vulgaris* in the Morbidan).

*fractum* (Rud., 1819) Stoss., 1886, 49 (to *Podocotyle* by Stoss., 1898, 26).

*furcatum* (Bremser, 1819) Duj., 1845a, 402 (to *Podocotyle* by Stoss. 1898, 26).

## (PODOCOTYLE)—Continued.

*gibbosum* (Rud., 1802) Duj. 1845a, 402.

*macrocotyle* (Dies., 1858) Stoss., 1898, 25.

*pachysomum* (Eysenhardt, 1829) Stoss., 1886, 57 (to Podocotyle by Stoss., 1898, 27).

*perlatum* (Nord., 1832) Duj., 1845a, 387, 401 (to D. (Echinost.) by Stoss., 1886, 62) (type of *Asymphylodora* Looss, 1899b, 598).

*retroflexum* (Mol., 1861) Stoss., 1886, 60 (to Podocotyle by Stoss., 1898, 26).

*unicum* (Mol., 1859) Stoss., 1886, 58.

POLISTOMEÆ Mont., 1888a, 13, 34, 42 (see Polystomeæ).

POLISTOMUM Sons., 1889, 283, for Polystomum.

POLYANGIUM Looss, 1902m, 584, 633, 634, 639, 642, 648, 652, 658, 667, 668, 675, 681, 684, 687-688 (tod. *linguatula*), 689, 698, 699.

*linguatula* (Looss, 1899) Looss, 1902m, 632, 688, 689, 697, 698, 885, pl. 30, fig. 145-150.

POLYCOTYLA Blainv., 1828a, 569-570 (family name).—Johnston, 1865a, 31.—Nord., 1840, 596.

POLYCOTYLE Will.-Suhm, 1870, 9 (m. *ornata*); 1871, 183.—Brand., 1888a, 33, 34, 35, 37, 58, 61; 1890a, 562, 563, 564, 567, 584.—Braun, 1892a, 581, 698, 713, 715, 717, 718, 723, 732; 1893a, 879, 881, 886, 887, 890, 892, 895, 899, 900, 901, 917; 1895b, 121, 136.—Gamb., 1896, 73.—Mont., 1888a, 10, 12, 15, 54, 90, 91, 104; 1892, Oct. 7, 196, 197, 214 (Diplostominae).—Pratt, 1902, 890.—Schneidemuëhl, 1896, 295 (Polykotyle).—Tasch., 1879, 256.—Wolf, 1903, 616, 617.

1896: Polykotyle Schneidemuëhl, 1896, 295, for Polycotyle.

*ornata* Will.-Suhm, 1870, 9-11 (in *Alligator lucius*; Charleston); 1871, 183-185, pl. 11, fig. 1.—Brand., 1888a, 15, 58 (in *All. luc.*); 1890a, 584-585.—Braun, 1892a, 581, 733; 1893a, 901.—Pavesi, 1881, 294.—Poir., 1886, 339-345, pl. 18, fig. 7, pl. 19, fig. 1, 3, 5, 6, pl. 20, fig. 5 (in *All. luc.*).—Reported also for *Alligator mississippiensis*.

POLYCOTYLEA Dies., 1850a, 288 (tribe), 289, 408 (tribe III of Trematoda, subo. II), 416 (tribe I of Bdellidea, subo. III); 1858e, 314 (fam. of Trematoda cotylophora), 367.—Brand., 1888a, 15.—Braun, 1890a, 515.—Cerf., 1899a, 351.—Goldb., 1855a, 17, 18.—Mont., 1888a, 83, 84; 1903, 336 (section, contains: Polystomidæ Ben., 1858; Octocotylidæ Ben. & Hesse, 1863).—Tasch., 1879, 233, 234.

POLYCOTYLEÆ Dies., 1839a, 234.—Cobbold, 1877, 238.

POLYCOTYLIDÆ Cobbold, 1877f, 326.—Braun, 1893a, 886.—Mont., 1888a, 104.

POLYCOTYLINÆ Mont., 1892, Oct. 7, 214 (subf. of Holostomidæ).—Braun, 1893a, 890, 892.

POLYKOTYLE Schneidemuëhl, 1896, 295, for Polycotyle.

POLYORCHIS (Stoss., 1888) [nec Polyorchis Agassiz], renamed Pleorchis 1896, (type by absolute tautonymy polyorchis); 1892, 4; 1898, 30.—Braun, 1893a, 885, 886, 894, 909, 911; 1895b, 138; 1901b, 54.—Looss, 1894a, 174; 1896b, 59; 1902m, 846.—Mont., 1893, 148, 149, 150, 151, 154.—Ofenheim, 1900, 160.—Rail., 1896, 160 (=Pleorchis).—Sons., 1890, 134, 135.—Stiles & Hass., 1898a, 92 (syn. of Pleorchis).

*formosum* (Sons., 1890) Stoss., 1892, 143 (in *Grus cinerea*; Pisa).

*molle* (Leidy, 1856) Mont., 1896, 166.

*polyorchis* (Stoss., 1889) Mont., 1896, 166.

(POLYORCHIS) Stoss., (1888), subg. of Dist., [type polyorchis].

*cygnoides* (Zed., 1800) Stoss, 1889, 60.

*molle* (Leidy, 1856) Stiles & Hass., 1894h, 162-163, fig. 2; 1895a, 737-741, pl. 3, figs. 1-3.

*ragazzii* Setti, 1897, 8 (type of *Syncœlium* Looss, 1899).

POLYSARCUS Looss, 1899b, 561 (tod. *westermanni*) [nec Polysarcus Fieb., 1853, orthopteron; Sauss., 1859, orthopteron; Lefèvre, 1876, coleopteron; Polysarca Schin, 1866, dipteron]; 1900, 605.—Braun, 1900h, 6; 1901e, 329 (=Paragonimus).—Luehe, 1900, 557.—Stiles, 1901, 189.—See Paragonimus.

*westermanni* (Leuck., 1889) Looss, 1899b, 561.

POLYSSICHIA Cosmovici, 1887 (contains *Aspidogaster*, *Diplozoon*, *Diporpa*, *Gyrodactylus*, *Octobothrium*, *Polyst.*).—Mont., 1888a, 84.

- POLYSTOMA** Zed., 1800a, xviii, 199-203 (nec Polyst. Steph. Col., 1835), includes *Linguatula serrata* Froelich, *Hexathyridium pinguicola* Treutler, 1793 (type was clearly intended to be *Planaria uncinulata* = Polyst. ranæ; name Polyst. was in MS. in 1788 based on this species, see Zed., 1803a, 223).—Andral, 1829d, 617.—Audouin, 1828b, 193.—Baer, 1826a, 126.—Ben., 1858a, 1861a, 11 (Polystomum).—Ben. & Hesse, 1864, 61.—E. Bl., 1847, 331.—R. Bl., 1888a, 312 (Polystomes).—Brand., 1891d, 9.—Braun, 1883a, 50; 1889g, 620, 621; 1890a, 413, 416, 424, 433, 435, 451, 454, 470, 479, 480, 481, 483, 487, 490, 491, 492, 493, 496, 498, 504, 511, 514, 515, 516, 517, 522, 523, 538, 546; 1890b, 125, 127, 128; 1890e, 597; 1891d, 421; 1892a, 753; 1893a, 890, 891.—Brem., 1824, 135.—Burm., 1837a, 530; 1856a, 251.—Carus, 1863, 478.—Cerf., 1899a, 348, 350, 351, 359, 371.—delle Chiaje, 1833, 13; 1835b, 76-90; 1837a, 5-19 (*Polistoma* in blood of man); 1837b, 245-246; 1843b, 51.—Cobbold, 1866, 7; 1877, 238; 1879b, 41.—Cosmovici, 1887a, 129.—Crep., 1839, 290.—Cuvier, 1817, 42.—Dealongchamps, 1824mm, 648-650; 1828d, 192-193.—Dies., 1839, 234; 1850a, 288, 409 (syn. of *Hexathyridium*), 412-413 (includes: *Plan. Braun. Linguatula* Froelich, Fasc. Gmelin, *Hexathyridium* Blainv.), 416 (of Delaroche, syn. of *Plagiopeltis*), 419 (of Kuhn, syn. of *Onchocotyle*), 420 (of delle Chiaje, syn. of *Solenocotyle*), 421 (of Duj., syn. of *Diclibothrium*), 609 (of Rud., pars syn. of *Pentast.*); 1858e, 314, 371-372 (only species *integerrimum*).—Duj., 1845a, 318.—Eichwald, 1829a, 249.—Eiss, 1838, 21.—Fischer, 1840, 159.—Gamb., 1896a, 57, 59, 73.—Goldb., 1855, 17.—Goldschmidt, 1902e, 874.—Goto, 1891a, 174, 183, 185, 187.—Hahn, 1900a, 174-175.—Haswell, 1892a, 458; 1892b, 149; 1893e, 112, 144.—Hémont, 1827, 9.—L'Herminier, 1826, 10.—Hoyle, 1890, 535-537, 539 (two species; best known *P. integerrimum*; *Hexathyridium* is probably a synonym).—Jackson, 1888, 644, 646, 647, 654.—Joy, 1835a, 504.—Juel, 1889, 33.—Kath., 1894a, 130, 148.—Lamarck, 1816b, 175-176.—Leuck., 1863a, 450, 527.—Looss, 1892a, 72, 73, 95; 1893b, 810.—Mayer, 1841a, 20.—Minarich, 1832, 14.—Mont., 1888a, 8, 9, 11, 13, 14, 29, 37, 38, 40, 42, 44, 53 (*Polystomum*), 54, 56, 57, 58, 59, 60, 63, 64, 66, 67, 70, 83, 84, 86, 89, 100; 1892, 109; 1892, Oct. 7, 186, 213 (gen. of *Polystominae*); 1893, 110; 1903, 336 (subf. *Polystominae*).—Moul., 1856a, 10, 11.—Nord., 1832a, 60, 69; 1840, 544, 592, 593, 596-597.—Olfers, 1816, 22, 41.—Pag., 1857, 52.—Pintner, 1891, 727.—Pratt, 1900, 645, 646, 647, 650, 656, 659, fig. 23.—Rafinesque, 1815, 151 (syn. of *Hexathyridia*).—Rud., 1809a, 6, 22-23, 38, 44, pl. 6, figs. 1-6; 1819a, 125, 435-436, 584.—St.-Remy, 1898, 558.—Schneider, 1866, 334.—Slawikowski, 1819, 70.—Stoss., 1898a, 10, 11.—Tasch., 1879, 43, 50, 58, 62, 64, 69; 1879, 232, 233, 251-252 (syns.: *Hexathyridium* Blainv., *Planaria* Braun, *Linguatula* Froelich, Fasc. Gmelin).—Wagener, 1857, 50, 72.—Wallenstedt, 1847, 7.—Zeller, 1876, 23 June, 238-274, pls. 17-18.
- : *Polystomum*.
- 1837: *Polistoma* delle Chiaje, 1837a, 5-19, for *Polystoma*.
- 1888: *Polystomnm* Mont., 1888a, 53, misprint.
- of Kuhn, 1829c; 1830a; 1830b, 185-187 (in *Squalus catulus*).—Tasch., 1879, 252 (syn. of *Onchocotyle* Dies.)
- of Duj., 1845a, 319.—Tasch., 1879, 254 (syn. of *Diplobothrium* Leuck.).
- Delaroche, 1811, 271-272 [n. g.?] (type species *thynni*).—Audouin, 1828b, 193 (?syn. of *Polyst. duplicatum*).—Blainv., 1824a, 514 ("M. de Lamarck a adopté ce genre de Delaroche; il est établi sur un animal de la famille des sangues, suivant nous"), 515.—Rafinesque, 1815, 151 (renamed *Hexost.*).—Tasch., 1879, 249 (syn. of *Hexacotyle* Blainv.).—See *Polyst. thynni*, p. 353.
- appendiculatum* Kuhn, (1829c), 460-463, pl. 11, figs. 1-3 (t. h. *Squalus catulus*); (1829), 342.—Ben., 1858a, 1861a, 54, 55 (to *Onchocotyle*), 191, 192.—Bl., 1847, 336 (of Nord.).—Cerf., 1899a, 349, 350, 351, 352-356, 359, 373, 375, 378 (in *Mustelus laevis*, *M. vulgaris*, *Scyllium catulus*), 434.—Cobbold, 1872b, 90; 1879b, 41.—Crep., 1838, 84; 1839, 290.—Dies., 1850a, 419 (to *Onchocotyle* as type); 1858e, 371 (to *Onchocotyle*).—Duj., 1845a, 321.—Goto, 1894a, 222 (Japan).—Nord., 1832a, 80-82, pl. 5, figs. 6-7 (in *Squalus catulus*); 1840, 601 (to *Hexa-* *bothrium*).—Scott, A., 1901, 344 (to *Onchocotyle*).—Tasch., 1879, 27, 28 (to *Onchocotyle*); 1879, 253.—Thaer, 1850, 602-630, pl. 20-22, figs. 1-45; 1851, 34 pp., pls. 1-3.
- armatum* (Leuck., 1835) Duj., 1845a, 319 (to *Polyst. (Hexacotyle)*).—E. Bl., 1847, 335.—Dies., 1850a, 421 (to *Diclibothrium*).—Tasch., 1879, 254 (to *Diplo-* *bothrium*).—Type of *Diclibothrium* 1835.
- borealis* (Ben., 1853) Wagener, 1857, 72.—Cerf., 1899a, 359, 377.—Dies., 1858e, 371 (to *Onchocotyle*).—St.-Remy, 1890, 41.

## POLYSTOMA—Continued.

- coronatum* Leidy, 1888, 127 (in terrapin; eastern U. S. A.); 1904a, 213.—Braun, 1890a, 511, 538, 548, 552 (in *Cistudo carolina*).—Pratt, 1900, 659.
- denticulatum* (Rud., 1805) Rud., 1808a, 180; 1809a, 447–449, pl. 12, fig. 7 (to Polyst. (Pentast.)) (in *Capra americana*, *C. hircus*).—R. Bl., 1890a, 264.—Dies., 1850a, 615 (to Pentast.).—Olfers, 1816, 42.
- duplicatum* Rud., 1819a, 125, 438–439, pl. 2, fig. 6 (*P. thynni* Delaroché, 1811, renamed) (in *Scomber thynnus*; Balearic Isles).—Audouin, 1828, 193.—Crep., 1839, 290.—Deslongchamps, 1828d, 193.—Dies., 1850a, 417 (to *Plagiopeltis* as type) in *Thynnus brachypterus*.—Duj., 1845a, 318–319 to Polyst. (Hexacotyle).—Kroyer, 1838–40a, 251, 596 (in *Thynnus vulgaris* Cuv.).—Nord., 1832a, 62; 1840, 598 (syn. of *P. thynni*).—Tasch., 1879, 250 (syn. of *Hexacotyle thynni*).
- hassalli* Goto, 1895, 352 (in *Kinosternon pennsylvanicum*; Maryland); 1899, 276–278, pl. 21, figs. 16, 17.—Pratt, 1900, 656, fig. 23; 657, 659.—St.-Remy, 1898, 558.
- integerrimum* (Frœlich, 1791) Rud., 1808a, xxv, pl. 6, figs. 1–6; 1809a, 451–455, pl. 6, figs. 1–6, to *P. (Hexastoma)* (includes: *Planaria uncinulata* Braun, 1792; *Linguatula integerrima*, 1791; *Fasc. uncinulata*, 1790, *Polystoma ranæ*, 1800; *Linguatula integerrimum*); 1819a, 125 (in *Rana temporaria*; Gryphæ, Jun.; *R. esculenta*, *Bufo variabilis*).—Baer, 1826a, 126; 1827a, 680–689, pl. 32, figs. 7–9.—Ben., 1858a, 1861a, 54, 169, 171, 172, 196; 1870c, 140.—Ben. & Hesse, 1864, 84–87, 1 fig. (*integerrimum*).—Bettend., 1897a, 4; 1897, 308.—E. Bl., 1847, 331–334, pl. 14, fig. 3.—Braun, 1883a, 41, 44, 48, 49, 51, 56, 71, fig. 10; 1889k, 621; 1890a, 407, 408, 410, 415, 419, 421, 424, 426, 428, 430, 433, 436, 439, 442, 445, 449, 453, 454, 455, 456, 458, 461, 464, 465, 468, 471, 472, 475, 480, 482, 483, 487, 490, 491, 492, 493, 494, 495, 497, 499, 500, 501, 503, 511, 512, 538, 548, 552; 1890d, 568; 1890e, 596; 1891a, 52, 53, 54; 1892a, 753; 1894a, 1160; 1895b, 125, 130, fig. 42; 1906, 131, fig. 66 (in frog).—Bremser, 1824c, pl. 10, fig. 26.—Civinini, 1842.—Cobbold, 1858, 162; 1879b, 452.—Crep., 1837, 322; 1839, 290.—Deslongchamps, 1828a, 193.—Dies., 1850a, 412–413 (syns.: *Plan. uncinulata* Braun, *Linguatula integ.*, *Fasc. uncinata* Gmelin, *Polyst. ranæ* Zed., *Hexathyridium integ.* Blainv.); 1858e, 372 (only species) (in *Rana platyrhinus*).—Duj., 1845a, 320.—Eichwald, 1829a, 249.—Fraip., 1880a, 400; 1880c, 433; 1883a, 36.—Gamb., 1896a, 55, 58–59, figs. 24, 26.—Goldschmidt, 1902a, 397–444, pls. 22–24, figs. 1–40 (embryology); 1902b, July, 398–399; 1902c, 180–189, figs. 1–11 (development); 1902d, 736; 1902e, 874; 1905, July, 64–65.—Goto, 1891a, 184.—Halpin, 1901a, 291–363, pls. 10–14 (embryology); 1902a, 395–398; 1904a, 444.—Hoyle, 1890, 537–539, fig. 3 B.—Iijima, 1884c, 635–639.—Jackson, 1888, 643, 644, 645, 646, 648–649, 650 (in *Rana temporaria*, *R. esculenta*, *Bufo viridis*).—Janicki, 1903a, 241 ff.—Juel, 1889, 14.—Kath., 1894a, 132, 141, 142, 146, 152.—Kerbert, 1881a, 535, 554, 556, 572.—Kholodk., 1899a, 148, fig. 175.—Knoch, 1862, 101.—Kowal., 1895, 372–390, pl. 8, figs. 11–13; 1896d (2), 252 (in *Rana fusca*; Dublany); 1904, (9), 24 (in *Rana temporaria*; Dublany).—Lejtenyi, 1881a, 3.—Leuck., 1879, 26, 52; 1886d, 19, 40.—Linst., 1903, 279.—Loos, 1885b, 17, 18, 19, 21, 24.—Macé, 1882a, 26, 29, 78.—Mayer, 1841a, 26, 34.—Mont., 1888a, 10, 18, 39, 44, 58, 59, 70; 1892, Oct. 7, 186; 1893, 110, 111.—Mueh., 1898, 11, 17–18.—Nord., 1832a, 62, 79; 1840, 546, 601.—Olfers, 1816, 42.—Pag., 1857, 47–49, pl. 6, figs. 10–13 (in braunen Frösche).—Par., 1894, 471.—Pégot, 1900, 162–164.—Pintner, 1891, 727, 728.—Polonio —.—Sieb., 1835, 70.—Sons., 1893, 187 (in *Bufo viridis* Laur.).—Stieda, 1870, 675; 1871, Jan., 660–678, pl. 15, figs. 1–12.—Stoss., 1889, 29; 1898, 10–11.—Tasch., 1879, 33, 35, 43, 55, 56, 58, 60, 61; 1879, 252 (in *Rana temporaria*, *R. esculenta*, *Bufo viridis*).—Walter, 1866, 65.—Will.-Suhm, 1871, 181–185; 1872, 22 March, 29–39, pl.—Zeller, 1872, v. 22 (1), 1–24, pls. 1–2; 1872, 25–28, pl. 3, figs. 1–12; 1872, Sept., 99–112; 1873, 51–55.—Woodland, 1904, 404–405, 1 fig.—Reported also for *Rana fusca*, *Hyla viridis*.
- integerrimum* Ben. & Hesse, 1864, 84–87, 1 fig. (see *integerrimum*).—Pégot, 1900, 162–164.
- lolinigine delle Chiaie*, 1823, pl. 92, fig. 2 (in *Loligo vulgaris*; Naples).—Ben. & Hesse, 1864, 84.—Braun, 1890a, 518.—Dies., 1850a, 420 (syn. of *Solenocotyle chiaiei*, type of Solen.).—Mont., 1888a, 89.—Tasch., 1879, 250.
- midas* Kuhl & van Hasselt, (1824).—Baird, 1853a, 41 (= *P. ocellatum* Rud.).—Nord., 1840, 600.



## POLYSTOMA—Continued.

- mydæ* Kuhl & van Hasselt, (1822), 113; 1824a, 310.—Crep., 1846, 146.—Dies., 1850a, 413 (syn. of *P. ocellatum* Rud.).—Tasch., 1879, 252 (syn. of *P. ocellatum*).—Reported for *Chelonia mydas*.
- oblongum* Mont., 1888a, 57 (for oblongum).
- oblongum* R. Wright, 1879, 12–15, pl. 1, figs. 9–11 (in *Aromochelys* (*Sternothærus*) *odoratus*; Toronto).—Braun, 1890a, 511, 538, 548, 552.—Goto, 1899, 277, pl. 21, fig. 18.—Leidy, 1888, 127.—Mont., 1888a, 57 (oblongum).—Pratt, 1900, 659.—Staff., 1900, 405, 414; 1902, 483 (in *Chelydra serpentina*); 1905, Apr. 11, 690 (in *Chrysemys picta*; *Chel. serp.*; Canada).—Reported for *Sternothærus odoratus*.
- ocellatum* Rud., 1819a, 125, 436–437 (in *Testudo orbicularis*; Arimini).—Ben. & Hesse, 1864, 84.—Blainv., 1828, 571, to *Hexacotyla*.—E. Bl., 1847, 335–336.—Braun, 1890a, 418, 434, 439, 440, 452, 453, 465, 472, 477, 494, 506, 511, 538, 548, 552; 1891a, 52, 54; 1891d, 421; 1892a, 637; 1893b, 179, 185 (in *Emys europæa*).—Crep., 1838, 84; 1839, 290.—Deslongchamps, 1828d, 193.—Dies., 1850a, 413 (syns. *P. mydæ*, *Hexacotyle oc.*).—Duj., 1845a, 319–320.—Gamb., 1896, 59.—Giebel, 1857, 266.—Goto, 1891a, 183.—Ijima, 1884c, 636, 638.—Jackson, 1888, 649, 650.—Leidy, 1888, 127.—Looss, 1885b, 21, 22, 24, pl. 23, fig. 19.—Macé, 1882a, 26.—Mont., 1888a, 18, 58; 1892, Oct. 7, 186; 1893, 110, 111.—Nord., 1840, 600 (syn. of *Hexacotyle oc.*).—Par., 1894.—Sons., 1889, 283 (*Polistomum*); 1893, 183 (in *Emys lutraria*).—Stoss., 1890, 51.—(Tasch., 1879, 252 (syns. *P. mydæ*, *Hexacotyle oc.*) (in *Emys europæa*, *Halichelys atra*).—Reported also for *Cistudo europæa*.
- pinguicola* (Treutler, 1793) Zed., 1800a, 203 [type of *Hexathyridium* 1793].—Boele, 1828a, 33.—Bremser, 1819a, 233, pl. 4, figs. 15–17; 1824, 135, 272–280, pl. 9, fig. 2.—delle Chiaje, 1833, 13–14, 117–118, pl. 2, fig. 14.—Cobbold, 1866, 7; 1876, 211.—Crep., 1839, 290.—Deslongchamps, 1828d, 193.—Dies., 1850a, 410 (to *Hexathyridium*).—Duj., 1845a, 319.—Dunglison, 1893, 821, 900.—Eichwald, 1829a, 249.—Eiss, 1838, 21.—Hémont, 1827, 17.—L'Herminier, 1826, 14.—Joy, 1835a, 504, 519.—Kuech., 1855, 464.—Lundborg, 1817, 8.—Mlinarich, 1832, 14.—Nord., 1840, 594 (to *Linguatula*), 601.—Olfers, 1816, 42.—Prunèyre, 1823, 7.—Puettnier, 1837, 4.—Rud., 1809a, 455–456, to *P.* (*Hexast.*); 1819a, 125, 437–438.—Sjöbeck, 1830, 10.—Slawikowski, 1819, 23, 25, 70, 141.
- pinguiculum* Joy, 1835a, 505, for *pinguicola*.
- proboscideum* Rud., 1814a, 106–107 (*Echinorhynchus crotali* Humboldt, 1808, renamed), to *P.* (*Pentast.*).—Dies., 1850a, 612 (to *Pentast.*).—Leidy, 1852, 97.—Nord., 1840, 645 (syn. of *Porocephalus crotali*, type of *Poroc.*).—Olfers, 1816, 42. Now an arachnoid.
- rana* Zed., 1800a, xviii, 203, 204–205, pl. 4, figs. 1–3 (in *Rana temporaria*; bladder, Europe) (includes *Plan. uncinulata* Braun, 1790, from *Rana esculenta*; Europe); 1803a.—Dies., 1850a, 412 (syn. of *P. integerrimum*).—Rud., 1809a, 451, 452 (= *P. integerrimum*).—Stoss., 1898, 10.
- sanguicola* delle Chiaje, 1833, 14 (*venarum*, renamed), 118; 1834, —; 1837a, 5–19.—Cobbold, 1876, 211.—Dav., 1877a, 334.—Dies., 1850a, 410 (syn. of *Hexathyridium venarum*).—Dolley, 1894a, 1006.—Dunglison, 1893, 821, 900.—Marcacci, 1843a.
- sanguineum* delle Chiaje, 1837b, 245 (based on 1837a) (in *Homo*).—Crep., 1839, 290.—Eiss, 1838, 21.—Leuck., 1863a, 585.—Moniez, 1896, 108.—Sieb., 1839, 164.
- scymni ainosi* Dies., 1858e, 371 (to *Onchocotyle*) based on Wagener, v. 13, 72.—Cerf., 1899a, 360.
- serratum* (Frölich, 1889) Zed., 1800a, 203 [type of *Linguatula*, 1789]; 1803a, 230.—Blainv., 1824a, 514 (type of *tétragule*).—Dies., 1850a, 616 (to *Pentast.*).—Nord., 1840, 594 (to *Linguatula*).—Olfers, 1816, 42.—Risso, 1826, 263.—Rud., 1809a, 449–451 to *P.* (*Pentast.*); 1819a, 124 (= *Pentast. serratum*).—Reported for *Lepus timidus*.
- tænioides* Nord., 1840, 595, for *tænioides*.
- tænioides* Rud., 1809a, 441–447, pl. 12, figs. 8–12 (*Tænia rhinaria* Pilger, 1802, renamed), to *P.* (*Pentast.*) (in *Equus cab.*, *Canis fam.*; France); 1810a, 256; 1814a, 107.—Anacker, 1890m, 506.—Blainv., 1824a, 513 (type of “prionoderme”).—R. Bl., —, 261.—Braun, 1903, 3. ed., 337 (syn. of *Linguatula rhinaria*).—Dies., 1850a, 610 (to *Pentast.*).—Nord., 1840, 595 (*tænioides*, to *Linguatula*).—Olfers, 1816, 42.

## POLYSTOMA—Continued.

*thynni* Delaroche, 1811, 271-272, pl. 2, fig. 3 (in *Scomber thynnus*; Maroquet).—Blainv., 1828a, 571 (type of *Hexacotyla*).—E. Bl., 1847, 335.—Crep., 1838, 84.—Dies., 1850a, 417 (syn. of *Plagiopeltis duplicata*, type of Pl.).—Lamarck, 1816b, 176.—Nord., 1832a, 62; 1840, 597-598 (syns.: *Hexacotyle thynni*, *P. duplicatum*), 600.—Risso, 1826, 263.—Tasch., 1879, 250 (syn. of *Hexacotyle thynni*).

*uncinatum* Macé, (1880a).—Braun, 1890a, 511, 538, 548, 552.—Stoss., 1898, 10 (in *Rana temporaria*; France).

*uncinulatum* Macé.—Braun, 1890a, 418, for *uncinatum*.

*venarum* (Treutler, 1793) Zed., 1803a, 231.—delle Chiaje, (1834a) 1833, 14-15, 118-119, pl. 2, fig. 15.—Cobbald, 1866, 7.—Crep., 1839, 290.—Dies., 1850a, 410.—Dunglison, 1893, 821, 900.—Hémont, 1827, 16.—Moniez, 1896, 108.—Olfers, 1816, 42.—Rud., 1809a, 456-457; 1819a, 136.—Slawikowski, 1819, 24, 70.—Reported for *Homo*.

## POLYSTOMA (HEXACOTYLE) Duj., 1845a, 318-319.

*armatum* (Leuck., 1835) Duj., 1845a, 319.—Type of *Diclibothrium*, 1835.

*duplicatum* (Rud., 1819) Duj., 1845a, 318-319 (to *Plagiopeltis* as type by Dies., 1850a, 417).

## POLYSTOMA (HEXAST.).

*integerrimum* (Frœlich, 1791) Rud., 1809a, 451-455.

*pinguicola* (Treutler, 1793) Rud., 1809a, 455-456.

## POLYSTOMA (PENTASTOMA).

*denticulatum* (Rud., 1805) Rud., 1809a, 447-449, pl. 13, fig. 7 (to *Pentast.* by Rud., 1819a, 124, 423).

*proboscideum* Rud., 1814a, 106-107 (type of *Porocephalus*; *Echinorhynchus crotali* Humboldt, 1808, renamed) (to *Pentast.* by Rud., 1819a, 124).

*serratum* (Frœlich, 1789) Rud., 1809a, 449-451 (to *Pentast.* by Rud., 1819a, 124).

*tenioides* Rud., 1809a, 441-447, pl. 11, figs. 8-12 (in *Canis familiaris*; France) (*Tœnia rhinaria* Pilger, 1802, renamed) (to *Pentast.* by Rud., 1819a, 123).

POLYSTOMATA Zed., 1800a, 203, plural of *Polystoma*.

## POLYSTOMATIDÆ Gamb., 1896a, 53, 55, 73.—Scott, 1901, 141, 145.

## POLYSTOMATINÆ Gamb., 1896a, 73.

## POLYSTOMEA Ben.—Braun, 1890a, 516.—Ols., 1893, 4.

**POLYSTOMEÆ** Leuck.—Braun, 1883a, 40, 58; 1890a, 516, 517, 523, 524, 532; 1890b, 127.—Cerf., 1894, 948; 1895e, 523 (of *Tasch.*); 1895h, 914, 919; 1896, 500, 509, 515; 1898b, 361; 1899a, 365, 452 (of *Tasch.*).—Haswell, 1892a, 457.—Hoyle, 1890, 539 (includes *Octobothriidæ*, *Polystomidæ*, *Microcotylidæ*, *Gyrodactylidæ*).—Jackson, 1888, 642, 644, 646, 654 (includes same as Hoyle).—Maclaren, 1904, 598.—Mont., 1888a, 7, 10, 11, 13, 15, 16, 18, 20, 26, 27, 28, 31, 32, 34, 36, 37, 38, 41, 47, 48, 50, 53, 54, 56, 66, 67, 70, 84, 86, 87, 88, 90, 96, 98, 107, 108; 1888a, 16, 34, 42 (*Polistomæ*); 1891, 108.—Par.—Par. & Perugia, 1890, 6; 1890, 225-242; 1891, Mar. 7, 319.—Schneidemuehl, 1896, 296.—Sons., 1890, 175.—*Tasch.*, 1879, 33, 56, 57, 68; 1879, 234, 235, 236-237, 238.

1888: *Polistomæ* Mont., 1888a, 16, for *Polystomæ*.

**POLYSTOMES** R. Bl., 1888a, 312, French word, see *Polystoma*.

**POLYSTOMIDÆ** Cunningham, 1884a, June 12, 399.—Hoyle, 1890, 539 (includes *Polyst.*, *Onchocotyle*, *Erpocotyle*, *Diplobothrium*).—Jackson, 1888, 654 (includes *Polyst.*, *Onchocotyle*).—Pratt, 1900, 646 (of *Tasch.*) (includes *Polystominæ*, *Octocotylinæ*, *Microcotylinæ*).—Scott, T., 1901, 141.

**POLYSTOMIDÆ** Braun, 1890a, 511, 516, 517, 523, 533, 538; 1893a, 890.—Carus, 1863, 477.—Cobbald, 1879b, 4.—Cunningham, 1884, 399; 1887a, 279.—Leuck., 1886d, 117.—Mont., 1888a, 8, 11, 13, 15, 16, 18, 20, 30, 34, 37, 52, 66, 70, 86, 89, 91, 100, 108; 1888a, 16, 88 (*Polistomidæ*), 89 (*Polystomidaes*); 1892, Oct. 7, 198, 213 (f. of *Eterocotylea*, containing subf. *Polystominæ* Ben., *Octocotylinæ* Ben. & Hesse, *Microcotylinæ* *Tasch.*); 1903, 336 of Ben. & Hesse, 1858 (subf. *Polystominæ* (g. *Polystomum*)).—Par. & Per., 1889, 742; 1890, 7.—Poir., 1886, 345.—St.-Remy, 1898, 522, 523, 544.—Schneidemuehl, 1896, 296.—Stoss., 1898, 10.—*Tasch.*, 1879, 69; 1879, 235, 237, 251.

1888: *Polistomidæ* Mont., 1888a, 16, 88, for *Polystomidæ*.

1888: *Polystomidaes* Mont., 1888a, 89, typographical error.

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**POLYSTOMIDEA** Mont., 1888a, 84.

**POLYSTOMIDES** Mont., 1888a, 86.—Tasch., 1879, 235.—R. Bl., 1888a, 541 (embraced in subo. Polystomiens).

**POLYSTOMIENS** [French] R. Bl., 1888a, 541 (suborder, includes: Tristomidés, Polystomidés, Gyrodactylidés).

**POLYSTOMINÆ** Pratt, 1900, 646, 650 (of Ben.) (includes Polyst., Erpocotyle, Onchocotyle, Diplobothrium, Sphyranura).

**POLYSTOMINÆ** Ben.—Braun, 1893a, 890.—Mont., 1892, Oct. 7, 213 (subf. of Polystomidæ); 1903, 336 (new subf. of Polystomidæ).—St.-Remy, 1898, 558.

**POLYSTOMIS** Crep., 1838, dative of Polyst.

**POLYSTOMNM** Mont., 1888a, 53, misprint for Polystomum.

**PROBOLITREMA** Looss, 1902m, 855, 857 (in subf. Anaporrhutinae), 858, 859, 860, 863 (diagnosis), fig. 6 (tod. ricchiardii).

*capense* Looss, 1902m, 855, 857, 863, "Anaporrhutum ricchiardii Lopez" of Ofenh., renamed.

*ricchiardii* (Lopez, 1888) Looss, 1902m, 855, 857, 863 (ricchiardii, misprint for ricchiardii).

**PROGONUS** Looss, 1899b, 643 (tod. mülleri) (ὁ πρόγονος=ancestor) [not Progona Berg, 1882, insect]; 1900, 602, 603; 1901, 208; 1902m, 732 (renamed Genarches).—Fuhrmann, 1904, 61.—Luehe, 1901, 481, 486.—Pratt, 1902, 889, 905.—Stiles, 1901, 189.

*mülleri* (Levin., 1881) Looss, 1899b, 643; 1902m, 732, type of Genarches, 1902.—Luehe, 1901, 481.

**PRONOCEPHACUS** Braun, 1901b, 50, lapsus for Pronocephalus.

**PRONOCEPHALIDÆ** Looss, 1902m, 527, 580-617, 843 (includes: Charaxicephalus Looss, type robustus; Pyelosomum Looss, type cochlear; Cricocephalus Looss, type albus; Epibathra Looss, type crassa; Adenogaster Looss, type serialis; Pronocephalus Looss, type obliquus; Glyphicephalus Looss, type solidus; Pleurogonius Looss, type longiusculus), 611-612 (key to genera), 611 diagnosis.

**PRONOCEPHALINÆ** Looss, 1899b, 665, 668; 1902m, 841.—Braun, 1901b, 50, 53.—Pratt, 1902, 890, 909 (includes: Pronocephalus, Pleurogonius, Glyphicephalus, Adenogaster, Cricocephalus, Pyelosomum; related genus: Charaxicephalus).

**PRONOCEPHALUS** Looss, 1899b, 551, 666 (ὁ πρῶν=Vorsprung) (tod. "trigonocephalus Rud." [=obliquus, 1901]); 1901, 209; 1901, 567, 620; 1902m, 455, 531, 546, 551, 552, 570, 576, 583, 586, 594, 595, 596, 598, 599, 600, 603, 604, 609, 612, 615-616.—Braun, 1901b, 41.—Pratt, 1902, 890, 909.

1901: Pronocephalus Braun, 1901b, 50, misprint.

*obliquus* Looss, 1901, 30. Okt., 566-567 ("trigonocephalus (Rud.)" of Looss, 1899b, 666, 756, figs. 84-86); 1902m, 527-532, pl. 25, figs. 55-56; pl. 26, fig. 70; pl. 32, fig. 175; 616 (includes "Monost. trigonocephalum" of Braun, 1901, 40).

"*trigonocephalus* (Rud., 1809)" Looss, 1899b, 666, 756-759, 760, 761, 762, figs. 84, 85, 86; 1901, 566 (renamed obliquus); 1902m, 527 (syn. of P. obliquus), 549 (of Rudolphi to Pleurogonius), see Looss, 1901, 567.—Braun, 1901b, 38, 40.—Shipley, 1900, 533 (Rud.).

**PRONOPHARYNX** Cohn, 1904, 239-240 (tod. nematoides).

*nematoides* Cohn, 1904, 238-240, fig. 5 (in Aquila albicilla; Coll. Creplin).

**PRONOPYGE** Looss, 1899b, 641-642 (ὁ πρῶν=Vorsprung; ἡ πύγη=der Hintere) (tod. ocreata); 1902m, 839.—Luehe, 1901, 481, 485.—Pratt, 1902, 889, 906.

*ocreata* (Rud., 1802) Looss, 1899b, 641-642.—Luehe, 1901, 400, 481.—See Dist. carolinæ.

**PROSORHYNCHUS** Odhn., 1905, 296, 297-305 (tod. squamatus).

*aculeatus* Odhn., 1905, 297, 302, 305 (syns. Gasterost. crucibulum Ben., 1870; G. armatum Olss., 1876) (in Conger vulgaris; Mediterranean, Belgium, Sweden).

*crucibulum* (Rud., 1819) Odhn., 1905, 297, 305 (syns. Monost. crucibulum Rud.=Gasterost. armatum Mol.=G. crucibulum Olss.) (in Conger sp.; Mittelmeer, Sweden).

## PROSORHYNCHUS—Continued.

*aquamatus* Odhn., 1905, 297–304, 305, pl. 2, figs. 1–5 (syn. *Gasterost. armatum* Mol. of Levensen) (in int. of *Cottus scorpius*; Belgium).—Nicoll, 1907, 70–71 (in *Cottus bubalis*, *Liparis montagui*).

PROSOSTOMATA Odhn., 1905, 305, suborder of Digenea to include all except the Gasterostomata (*Gasterostomum*, *Prosorhynchus*).

PROSOTOCUS Looss, 1899b, 616, 623 ( $\rho\acute{o}\sigma\omega$ =cephalad;  $\acute{o}$   $\rho\acute{o}\kappa\omicron\varsigma$ =das Gebären) (tod. confusus).—Pratt, 1902, 889, 902, 904.—Stiles, 1901, 197.

*confusus* (Looss, 1894) Looss, 1899b, 616.—Sainitzin, 1905, 144–145; 1906, 687 (in *Aeschna*, *Cordulia*, and a beetle larva; Warschau).—Staff., 1905, Apr. 11, 684, 685.

*tener* (Looss, 1898) Looss, 1899b, 616.—Staff., 1905, Apr. 11, 684.

PROSTHOGOMINUS Jahresb. ü. d. Leist. a. d. Geb. d. Veterinär-Med., v. 21 (1901) 1902, 248 (misprint for *Prosthogonimus*).

PROSTHOGONIMUS Luehe, 1899k, 539 (tod. ovatus); 1900, 555; 1901, 487.—Braun, 1901f, 561; 1901i, 56; 1902b, 67, 68, 69, 80, 85, 96 (syn. *Prymnoprion* Looss).—Looss, 1900, 608; 1902m, 834, 835.—Pratt, 1902, 889, 901.—Stiles, 1901, 183, 185.

1899: *Prymnoprion* Looss, 1899b, 628 (tod. ovatum).

1902: *Prosthogonimus* Jahresb. ü. d. Leist. a. d. Geb. d. Vet.-Med., v. 21 (1901), 1902, 248, misprint.

1903: *Prosthogonimus* Markow, 1903, 287–294, 295–297, figs. 1–7; 1903b, Aug. 14, 538; 1905b, July, 54.

*anatinus* Markow, 1902, 1903a, 287–298 (*Prosthogonimus*), pl. 1, figs. 1–7 (in *Anas boschas* dom.); 1903b, 538.

*cuneatus* (Rud., 1809) Braun, 1901, 15–16, 17, fig. 2; 1901, 258–259; 1902b, 75–79, 80, 81, 82, figs. 44–45 (syns. *Fasc. ovata* Rud. (part), *Dist. ovatum* Rud. of Wedl, 1858; of Linst., 1878; of Auct.; *D. cuneatum* Rud.; *Prymnoprion anceps* of Looss, in *Machetes pugnax*; *P. ovatus* of Looss in *Passer domesticus*).—Wolffhügel, 1906, 21 Nov., 21–25 (in hen's egg).—Reported for *Cygnus musicus*, *Corvus cornix*, *C. corone*, *Anas clangula*, *Fulica atra*, *Fringilla coelebs*, *Grus cinerea*, *Otis tarda*, *Pavo cristatus*.

*japonicus* Braun, 1901, 17, fig. 3 (in hen's egg; Yedo, Japan); 1901, 258; 1902b, 81, fig. 46.

*ovatus* (Rud., 1803) [Luehe, 1899k, 539] Braun, 1901, 13–15, 17, fig. 1; 1901, 258; 1902b, 17, 69, 75, 76, 77, 78, 81, 83, 84, fig. 43 (syns. *Dist. ovatus* Rud.; *Fasc. ov. Rud.*).—Kowal., 1902d, [8] 26.—Markow, 1902, 292, 297 (*Prosthogonimus*).—Reported for *Larus canus*, *Anas glacialis*, *Pica caudata*, *Corvus cornix*, *Sturnus vulgaris*.—T. h. *Corvus frugilegus*.

*pellucidus* (Linst., 1873) [Luehe, 1899k] Braun, 1901, 16–17, 18; 1901, 258–259; 1902b, 79, 80, 81, 82, fig. 45a (in *Numenius arquatus*, *Gallus domesticus*).

*rarus* Braun, 1901, 17–19, fig. 4 (in *Fulica atra*, Coll. Berlin; *Anas boschas*); 1901, 258, 259 (in *Anas clypeata*); 1902b, 22, 83, 84, 85, figs. 47, 48 (labelled *Dist. ovatum* in Berlin Coll. nos. 1615, 1423).

PROSTHOMETRA Looss, 1896b, 58–60 (felineus type by inclusion), no specific combinations made, but following species included: *Dist. geminum*, *simulans*, *amphileucum*, *complexum*, *choledochum*, *longissimum*, *crassiusculum*, *xanthosomum*, *felineum*; 1901, 194.—Stiles, 1901, 183, 185.

PROSTOGONIMUS Markow, 1903, 287, for *Prosthogonimus*.

PROTENTERON Staff., 1904, May 3, 494 (m. diaphanum) ( $\rho\rho\acute{\omega}\tau\omicron\varsigma$ =first;  $\acute{\epsilon}\nu\tau\epsilon\rho\omicron\nu$ =intestine).

*diaphanum* Staff., 1904, May 3, 494 (t. h. *Ambloplites rupestris*; Canada).

PRYMNOPRION Looss, 1899b, 628–629 ( $\rho\rho\upsilon\mu\nu\rho\acute{o}\varsigma$ =the undermost part;  $\acute{o}$   $\pi\rho\acute{\iota}\omega\nu$ =the saw) (tod. ovatus); 1900, 608; 1902m, 839.—Braun, 1901i, 56; 1902b, 67, 68 (syn. of *Prosthogonimus*).—Ofenheim, 1900, 182.

*anceps* Looss, 1899b, 629, 722–723, fig. 41 (in *Machetes pugnax*; Apr., Marg, Egypt).—Braun, 1901, 13, 16; 1902b, 68, 69, 78 (Looss from *M. pug.*; syn. of *Prosthogonimus cuneatus*).

*ovatus* (Rud., 1803) Looss, 1899b, 629, 720–722, 723, figs. 39–40 (in *Passer domesticus*; Alexandria and Cairo).—Braun, 1901, 16; 1902b, 73, 78 (Looss, from *P. dom.*; syn. of *Prosthogonimus cuneatus*).

*pellucidus* (Linst., 1873) Looss, 1899b, 629, 723.

**PSEUDAXINE** Par. & Perugia, 1890, 11-12, 19 (m. *trachuri*) (Microcotylidæ).—Braun, 1890a, 523, 540, 542, 546; 1893a, 890.—Gamb., 1896a, 73.—Mont., 1903, 336 (subf. Axininæ).—Pratt, 1900, 646, 653 (key), 657, fig. 41.

1879: *Peudocotyle* Tasch., 1879, 65, misprint.

*trachuri* Par. & Perugia, 1890, 11-12, pl. 14, figs. 10-13 (in *Caranx trachurus*; Genoa).—Braun, 1890a, 542, 549, 550 (in C. tr.; Mittelmeer, Genua).—Par., 1894, 595.—Pratt, 1900, 657, fig. 41.

**PSEUDOCODYLE** Tasch., 1879, 49, misprint for *Pseudocotyle*.

**PSEUDOCOTYLE** Ben. & Hesse, 1865a, 4th appendix, 11-18 (m. *squatinæ*, Tristomidæ.—Ben., 1868, 28.—Brand., 1891d, 20.—Braun, 1890a, 411, 442, 451, 453, 455, 478, 482, 483, 484, 491, 492, 498, 511, 516, 517, 518, 523, 530; 1891d, 422; 1893a, 890; 1896b, 7.—Cerf., 1898b, 347, 356, 362.—Fraip., 1880c, 445; 1881b, 28.—Gamb., 1896a, 73.—Haswell, 1892b, 150; 1893e, 112, 114.—Hoyle, 1890, 539.—Ijima, 1884c, 638.—Jackson, 1888, 644, 646, 647, 653.—Kerbert, 1881a, 544, 572.—Mont., 1888a, 10, 13, 16, 20, 34, 37, 42, 43, 52, 53, 55, 56, 57, 58, 59, 60, 65, 66, 67, 88, 98; 1892, 108, 127, 128, 129; 1892, Oct. 7, 213 (gen. of Monocotylidæ); 1893, 118; 1905, 69, 70 (=Microbothrium Ols.). 1903, 336 (subf. *Pseudocotylinae*: f. Monocotylidæ).—Pratt, 1900, 646, 649 (key), 655, fig. 15.—St. Remy, 1891, 213, 214, 222.—Tasch., 1878, 176; 1878, 573; 1879, 65 (*Peudocotyle*), 49 (*Pseudocodyle*), 44, 49, 50, 54, 55, 58, 60, 62, 64, 65, 66, 68; 1879, 236 (syn. *Microbothrium* Ols.).

1879: *Pseudocodyle* Tasch., 1879, 49, misprint.

1879: *Peudocotyle* Tasch., 1879, 65, misprint.

*apiculatum* (Ols., 1868) Braun, 1890a, 530, 547, 550.—Mont., 1893, 206.—Staff., 1904, May 3, 482 (in *Squalus acanthias*; Canada).—Type of *Microbothrium*, 1869.—Reported also for *Acanthias vulgaris*.

*fragile* (Ols., 1868) Braun, 1890a, 530, 547, 551 (in *Raja batia*; Nordl. Eismeer).—Staff., 1904, May 3, 482 (syn. of *Micropharynx parasitica* Jägers., type of Mic.).

*minor* Mont., 1888a, 16, 52, 60, 66 (in *Scyllium*); 1890, 191, fig. 4; 1891, 1892, 116, 127, 128; 1905, 70.—Braun, 1890a, 530, 547, 552 (in *Sc. canicula*; Mittelmeer, Naples).—Type of *Leptocotyle* 1905.

*squalinæ* Mont., 1892, 127, for *squatinæ*.

*squatinæ* Ben. & Hesse, 1865a, 4th appendix, 11-18, figs. 1-7 (in *Squatina angelus*; Ostende).—Ben., 1870, 13.—Brand., 1891d, 20.—Braun, 1889k, 622; 1890a, 420, 421, 424, 445, 449, 487, 530, 547, 552 (in *Squat. ang.*; North Sea, Mittelmeer, Naples); 1893b, 178.—Cerf., 1898b, 341.—Fraip., 1880c, 442.—Goto, 1891a, 162.—Ijima, 1884c, 638.—Jucl, 1889, 36.—Kerbert, 1881a, 533.—Looss, 1885b, 5, 10.—Mont., 1888a, 7, 16, 19, 20, 23, 26, 32, 37, 39, 45, 52, 53, 66, 88; 1890, 420; 1892, 116, 127 (*squalinæ*), 128.—Par., 1894.—Pratt, 1900, 655, 657, fig. 15.—Tasch., 1878, 176; 1878, 573; 1879, 20; 1879, 48-55, 57, pl. 3, fig. 2 (in *Squat. ang.*).—Ziegler, 1883, 545.

**PSEUDOCOTYLINÆ** Mont., 1903, 336 (f. Monocotylidæ); 1905, 69, 78.

**PSEUDODISCUS** Sons., 1895, 8 (for *hawkesi*, *collinsi*, *ornatum*), also written as subg.; 1895, 184, 185, 186; 1896, 310.—Fischder., 1903h, 489.—Piana & Stazzi, 1900, 523.

*cobboldi* Montgomery, 1906, Feb. 12, 21 (in ponies; India).

*hawkesi* (Cobbold, 1875) Sons. [1895, 5], 1896, 310.—Piana & Stazzi, 1900, 519 [=Amphist. *hawkesi*].

*ornatum* (Cobbold, 1882) [Sons., 1895, 5].

(**PSEUDODISCUS**) as subg. of Amphist.—Sons., 1895, 187.

*collinsi* Cobbold.—Sons., 1895, 9, fig. 2; 1895, 187, fig. 2.

*hawkesi* Cobbold of Sons., 1895, 9, fig. 1.

*hawkesi* Cobbold, Sons., 1895, 187, fig. 1.

**PSILOSTOMIDÆ** Looss, 1900, 604.

**PSILOSTOMINÆ** Looss, 1900, 604.—Pratt, 1902, 888, 896 (includes: *Psilost.*, *Crepidostomum*, *Rhytidodes*, *Allocreadium*, *Calycodes*, *Azygia*, *Helicometra*, *Cotylotretus*; related genera: *Ptychogonimus*, *Orchepedum*).

**PSILOSTOMUM** Looss, 1899b, 573-574, 578, 579 (*ψιλόσ=*kahl) (tod. *platyurum*); 1900, 603, 604.—Braun, 1900, 232; 1901a, 33; 1901i, 56; 1901, 944; 1902b, 11, 15, 18, 19, 26, 147, 148.—Luehe, 1900, 489.—Pratt, 1902, 888, 897.—Stiles, 1901, 189.

## PSILOSTOMUM—Continued.

*brevicollis* (Crep., 1829) Braun, 1902b, 12–14, fig. 9 (syns.: *Dist. brevicollis* Crep., 1829, 24; Duj., 1845a, 445; Mueller, 1897, 19; D. (*Dicrocelium*) *brevicollis* Stoss., 1892, 35).

*oxyurum* (Crep., 1825) Braun, 1902b, 14, fig. 10.

*platyurum* (Mueh., 1896) Looss, 1899b, 574.

*redactum* Nicoll, 1906, 515, 525–527, pl. 13, figs. 9–10 (in *Gasterosteus aculeatus*; Scotland); 1907, 70, 73 (syn. of *Podocotyle atomon*).

*simillimum* (Mueh., 1898) Looss, 1899b, 574.

*spiculigerum* (Mueh., 1898) Looss, 1899b, 574.—Braun, 1902b, 15, 16, 155.

## PTACUNELLA Massa, 1906, 58, for Placunella.

**PTEROCOTYLE** Ben. & Hesse, 1863, 1864, 96, 106 (*palmatum*=*inhærens*, type by inclusion; also type because it is only species figured).—Braun, 1890a, 477, 498, 516, 517, 522, 546.—Cerf., 1895h, 918, 920; 1896, 514, 515, 516.—Mont., 1888a, 7, 11, 16, 36, 66, 86, 89, 99; 1903, 336 (syn. of *Dactycotyle*).—Scott, T., 1901, 149.—Tasch., 1879, 240.

*morrhue* Ben. & Hesse, 1863; 1864, 106–107 (in *Gadus morrhua*).—Braun, 1890a, 492.—Cerf., 1895h, 922; 1896, 517; 1898a, 302.—Scott, 1901, 149–150, pl. 8, figs. 25–26 (in *Gadus callarias*, *G. merlangus*); 1905, 118 (in Scott, 1901, pl. 8).—Tasch., 1879, 246 (syn. of *Octobothrium morrhue*).

*palmata* (Leuck., 1830) Ben. & Hesse, 1863, 1864, 107–108, pl. 11, figs. 1–13 (syns. *Octobothrium pal. Leuck.*, *Octodactylus inhærens Dalyell*) (in *Gadus molva*).—Cerf., 1895h, 917 (syn. of *Octob. pal.*); 1896, 513.—Scott, 1901, 149, pl. 8, fig. 27 (in *Molva molva*); 1905, 118 (in Scott, 1901, pl. 8).—Tasch., 1879, 246 (to *Octob.*).

**PTERONELLA** Ben. & Hesse, 1863; 1864, 94–95 (*m. molvæ*), fam. *Udonellidæ*.—Braun, 1890a, 410, 446, 511, 516, 517, 523, 531, 532; 1893a, 890.—Gamb., 1896a, 73.—Mont., 1888a, 10, 86, 88, 98; 1892, Oct. 7, 213 (gen. of *Udonellinæ*); 1903, 336 (subf. *Udonellinæ*).—Pratt, 1900, 646, 649 (key), 655, fig. 14.

*molvæ* Ben. & Hesse, 1863; 1864, 94–95, pl. 8, figs. 20–23 (in *Lota molva*).—Braun, 1890a, 409, 418, 532, 548, 550, 551 (in *Lota molva*; Atlantic Ocean).—Linst., 1889a.—Pratt, 1900, 655, 657, fig. 14.—Tasch., 1878, 573 (to *Udonella*).

**PTYCHOGONIMUS** Luehe, 1900, 489 (*m. megastomus*).—Looss, 1901, 206; 1902m, 829, 830.—Pratt, 1902, 888 (related to *Psilostominae*), 897, 900.

*megastomus* (Rud., 1819) Luehe, 1900, 489; 1901, 483.—Fischder., 1903h, 548.

**PYCNOPORUS** Looss, 1899b, 551, 610–611, 612, 618, 619 (*πυκνός*=firm, thick, strong, because of acetabulum) (tod. heteroporus); 1901, 199, 200.—Pratt, 1902, 889, 903.—Staff., 1903, 828.—Stiles, 1901, 197.

“*acetabularis* Looss, 1896,” for *acetabulatus* Looss, 1899, in Braun, 1900, 388.

*acetabulatus* Looss, 1899b, 611, 717–719, fig. 36 (in *Vesperugo kuhli*; Egypt); 1901, 205; 1907, Mar. 5, 481 (in *Vesp. k.*; Cairo, Egypt), 488.—Braun, 1900, 227, 228.

*heteroporus* (Duj., 1845a) Looss, 1899b, 611.—Braun, 1900, 227, 228.—Staff., 1905, Apr. 11, 692–693.

*inversus* Looss, 1907, Mar. 5, 486–487, figs. 6 a–b (in *Vesperugo kuhli*; Cairo, Egypt).

**PYELOSOMUM** Looss, 1899b, 667 (*ἡ πύελος*=Trog, Wanne, Mulde) (*m. cochlear*); 1902m, 581, 582, 584, 586, 590, 593, 597, 600, 601, 602, 609, 611, 612, 613 (diagnosis), 614.—Braun, 1901b, 50.—Pratt, 1902, 890, 910.

*cochlear* Looss, 1899b, 667, 773–774, fig. 83 (in *Chelonia mydas*; Egyptian coast); 1902m, 416, 578–580, pl. 27, figs. 102–104; pl. 32, fig. 181; 593, 613.—Braun, 1901a, 53.

**PYGIDIOPSIS** Looss, 1907, 488 (*m. genata*), *Heterophyiden*.

*genata* Looss, 1907, Mar. 5, 488–490, figs. 7 a–c (in *Pelecanus onocrotalus*; Cairo, Egypt).

**PYGORCHIS** Looss, 1899b, 587 (*m. affixus*) (*ἡ πυγὴ*=der Steiss).—Braun, 1902b, 31, 37.—Ofenheim, 1900, 182.—Pratt, 1902, 888, 898.

*affixus* Looss, 1899b, 587, 596, 702–703, fig. 25 (in *Corvus cornix*; Marg, Galiub, Gizeh, Cairo; *Falco tinnunculus*; Galiub; *Circus æruginosus*; Nil, Adeleninsel; *Recurvirostra avocetta*).—Braun, 1901, 948; 1902b, 147.

- RAJONCHOCOTYLE** Cerf., 1899a, 347, 373, 420, 440, 445, 446, 455–456 (type *batis*, designated by Cerf. in correspondence with Stiles, Jan. 21, 1907).—Mont., 1903, 336 (subf. *Onchocotylinæ*).
- alba* Cerf., 1899a, 377, 381, 383, 407, 408, 413, 417, 420, 433, 437, 438, 444, 446, 450, 463–464, pl. 18, figs. 5, 6, 8, pl. 19, fig. 9, pl. 20, figs. 1, 2, 3, 6, 7, pl. 21, figs. 1, 4, 8, 11, 13, 14, 15 (in *Raja alba* Lacep.).
- batis* Cerf., 1899a, 376, 381, 383, 442, 451, 462–463, pl. 19, figs. 11, 12, pl. 21, fig. 12 (syn. *Onchocotyle appendiculata* Oles., 1867 and 1876) (in *Raja batis*).
- prenanti* (St.-Remy, 1890), Cerf., 1899a, 377, 381, 383, 447, 464, pl. 18, figs. 10, 11, pl. 19, fig. 10, pl. 20, fig. 4 (syns. *Onchocotyle appendiculata* Kuhn of Sons., *O. borealis* Ben. of Stoss., 1885, *O. prenanti* St.-Remy, 1890) (in *Raja oxyrhynchus*).
- REDIA** Fil., 1837a, 336–337 (m. *gracilis*); 1854a, 6.—R. Bl., 1888a, 542, 551, 553, 554, 555, 556, 557, 558, 559, 604, 645.—Braun, 1892a, 775; 1893a, 884.—Burm., 1856a, 245.—Dies., 1850a, 287, 301; 1855a, 379 (cf. *sporocerca*), 380, 383, 393; 1858d, 240 (cf. *sporotherium*).—Goldb., 1855a, 16.—Hoyle, 1890, 535.—Jackson, 1888, 644, 651, 652, 653.—Pag., 1857, 10.—Wagener, 1866, in 145–150, figs. 1–11.—Ward, 1903, 863, 865.
- gracilis* Fil., 1837a, 336–337, figs. 6–7 (in *Planorbis nitidus*; Italy); 1854a, —, pl. 1, fig. 4.—Dies., 1850a, 301; 1855a, 394 (syn. of *Diplocotyle mutabilis*).—Moul., 1856a, 95 (syn. of *Cerc. diesingii*), 106, 107 (syn. of *Cerc. amphistomi subclavati*).—Pag., 1857, 25.—Par., 1894, 165.
- RENICOLA** Cohn, 1904, 235 (tod. *pinguis*).
- pinguis* (Mehlis, 1846) Cohn, 1904, 232–235, figs. 2–3 (syn. *Monost. pingue* Mehlis, 1843; Braun, 1893a, 915, in *Podiceps cristatus*; Brand., 1892, 504–511).
- RENIFER** Pratt, 1902, 888, 899; 1903, 25 (tld. *ellipticus*).
- ellipticus* Pratt, 1903, 25–28, 29, 34, pl. 4, fig. 1 (in *Heterodon platyrhinus*; North America).—Staff., 1905, Apr. 11, 691.
- elongatus* Pratt, 1903, 25, 28–30, pl. 4, fig. 2 (in *Heterodon platyrhinus*; North America).—Seely, 1906, 253.—Staff., 1905, Apr. 11, 691 (thinks this a *Lechiorchia*).
- solitarius* (Looss, 1899) Pratt, 1903, 25.
- variabilis* (Leidy, 1856) Pratt, 1903, 25, 31–34, pl. 4, fig. 5.
- zschokkei* (Volz, 1899) Pratt, 1903, 25, 28.
- RENIFERINÆ** Pratt, 1902, 888 (contains *Styphlodora*, *Ochetosoma*, *Renifer*, *Oistosomum*, *Astiotrema*).
- RHIPODOCOTYLE** Dies., 1858c, 313, 361–362 (type probably *gracilescens*).—Hausmann, 1897b, 34.—Mont., 1888, 92.—Odhn., 1905, 296.—Ziegler, 1883, 538.
- gracilescens* (Rud., 1819) Dies., 1858c, 361 (in *Lophius piscatorius*; Apr., Trieste; Mar., Pisa).—Linst., 1878a, 223 (includes *Monost. isabellinum* Ratzell).—Stoss., 1898, 61.—Tennent, 1906, 638.—Reported also for *Lota molva*, *Merlangus vulgaris*, *Gadus aeglefinus*, *G. melanostomus*.
- minima* (Wagener, 1852) Dies., 1858c, 361–362 (in *Trigla microlepidota*).—Linst., 1878a, 227.—Tennent, 1906, 638 (minimum).
- RHOPALIADÆ** Looss, 1899b, 543.
- RHOPALIADINÆ** Braun, 1901.—Looss, 1902m, 839.
- RHOPALIAS** Stiles & Hass., 1898a, 82, 93, 96 (= *Rhopalophorus* Dies., 1850a [not *Ropalophorus* Westwood, 1840, hymenopteron; not *Rhopalophorus* Agassiz, 1846, *Rhopalophora* Serv., 1834] renamed) (tod. *coronatus*).—Braun, 1900, 28; 1900d, 27–29; 1901e, 318, 320, 324, 326–329 (syn. *Rhopalophorus*); 1903, v. 2, 23.—Looss, 1899b, 542, 581.—Pratt, 1902, 888 (related to *Echinostominae*), 894.
- baculifer* Braun, 1900d, 28 (in *Didelphys palmata*; Brazil); 1901e, 325–326, pl. 19, fig. 1.
- coronatus* (Rud., 1819) Stiles & Hass., 1898a, 93.—Braun, 1900, 28, 29; 1901c, 320–323, 324, 326, 328, pls. 19, 20, figs. 2, 4, 11 (syns. *Dist. cor.* Rud., *Rhopalophorus cor.* Dies., *Echinost. cor.* Stoss.).—Reported for *Didelphys cancrivorus*, *D. nudicaudata*, *D. palmata*, *D. quica*, *D. virginiana*.
- horridus* (Dies., 1850a, 400) Stiles & Hass., 1898a, 93.—Braun, 1901e, 323, 325, pl. 19, fig. 3 (syns. *Dist. coronatus*; *Rhopalophorus horr.* Dies.).—Reported for *Didelphys nudicaudata*, *D. philander*.
- RHOPALOCERA** Fil., 1854a, 6 (for *Rhopalocerca*).—Burm., 1856a, 250.

- RHOPALOCERCA** Dies., 1850a, 286, 293 (m. *tardigrada* = Dist. *duplicatum* renamed); 1855a, 379, 384; 1858d, 270.—Burm., 1856a, 250 (*Rhopalocera*).—Fil., 1854a, 6 (*Rhopalocera*).—Goldb., 1855a, 15.—Moul., 1856a, 121, 123.
- tardigrada* Dies., 1850a, 293–294 (Dist. *duplicatum* Baer, 1827b, renamed); 1855a, 378, 380, 384 (in *Anodonta ventricosa*, A. *anatina*); 1858d, 241, 242, 271–272 (syns. Dist. dup. Baer, Cerc. dup. Moul.) (in *Anodonta ventricosa*; *Regio-montii*; A. *anatina*, A. *cygnea*).—Jacobson, —, 301, pl. 8, figs. 1–4 (syn. Dist. dup.).—Leidy, (1858) 1859, 110; 1877, 202.—Looss, 1894a, 63.—Pag., 1857, 6.—Ziegler, 1883, 540.
- RHOPALOPHORUS** Dies., 1850a, 288, 400 (not *Ropalophorus* Westwood, 1840; not *Rhopalophorus* Agassiz, 1846, for *Ropalophorus*, 1840; not *Rhopalophora* Serv., 1834) (tld. *coronatus*); 1855, 172; 1858e, 312, 357.—Braun, 1892a, 568, 569, 576, 595; 1893a, 879, 880, 886, 890, 893, 895, 908, 911, 918; 1900, 28; 1900h, 3; 1901e, 318, 319.—Carus, 1863, 479.—Gamb., 1896a, 73.—Goldb., 1855a, 17; 1899b, 536, 538, 542.—Mont., 1888a, 8, 11, 92, 105; 1892, Oct. 7, 214 (gen. of *Distomina*); 1893, 82, 153, 154, 155.—Stiles, 1901, 172.—Stiles & Hass., 1898a, 93 (renamed *Rhopalias*, type *coronatus*).
- coronatus* (Rud., 1819a) Dies., 1850a, 400; 1855, 172–173, pl. 1, figs. 6–11; 1858e, 357.—Braun, 1893a, 911 (in *Didelphys cancrivorus*, D. *myosurus*, D. *palmata*, D. *quica*; Brazil); 1901e, 319, 320, 323, 324, 325.—Cobbold, 1879b, 432.—Kaiser, 1893a, 93.—Mont., 1893, 83.
- horridus* Dies., 1850a, 400 (in *Didelphys myosurus*, D. *philander*; Brazil); 1855, 173, pl. 1, figs. 12–16; 1858e, 357.—Braun, 1892a, 583; 1893, 911 (in *Did. my.*, D. *phil.*; Brazil); 1901e, 319, 320, 323, 324.—Cobbold, 1879b, 432.—Mont., 1893, 83.—Stiles & Hass., 1898a, 93.
- RHYTIDODES** Looss, 1901l, 565 (tod. *gelatinosus*); 1902m, 451 (diagnosis), 839.—Odh., 1905, 296.—Pratt, 1902, 888, 897.
- gelatinosus* (Rud., 1819) Looss, 1901l, 563–565 (in *Thalassochelys corticata* Looss; Egypt); 1902m, 414, 416, 441, 445–456 (includes: Dist. *gelat.* Rud., 1819a, 386; Sons., 1890, 43; 1893; Stoss., 1898, 43; Braun, 1899, 716; 1901, 9, figs. 6, 12, pl. 1, fig. 9, pl. 2; Looss, 1899b, 579), 458, 460, 462, 463, 870, pl. 22, figs. 19–24.—Heymann, 1905, 82, 83, 87.
- SACCOCELIUM** Looss, 1902h, 134, 135 (tod. *obesum*).
- obesum* Looss, 1902h, 135, 140–141, 142, figs. 9–11 (in *Mugil auratus*, M. *cephalus*, M. *chelo*; Triest).
- tensum* Looss, 1902h, 141–142, figs. 12–13 (in *Mugil chelo*; Triest).
- SAPHEDERA** Looss, 1902m, 732, 839 (*Macrodera*, 1899, renamed) (type *naja*).—Staff., 1905, Apr. 11, 691.
- 1899: *Macrodera* Looss, 1899b, 603 (tod. *naja*) [not *Macroderes* ante 1882].
- naja* (Rud., 1819) Looss, 1902m, 732.
- SCAPHANOCEPHALUS** Jägers., 1903a, 1–16 (m. *expansus*), *σκαπάνη* = Spaten; *κεφαλή* = head.
- expansus* (Crep., 1842) Jägers., 1903a, 1–16, pl. 1, figs. 1–5 (in *Pandion haliaëtus*; Tor on Red Sea); 1904a, 279; 1904, 16 pp., 1 pl., 3 figs., *Distomida*.
- SCAPHIOSTOMUM** Braun, 1901g, 897 (m. *illatabile*); 1902b, 129, 133, 134.—Pratt, 1902, 889, 907 (key).
- illatabile* Braun, 1901g, 897 (in *Falco nitidus* Lath.; Brazil); 1902b, 134–136, fig. 80.
- SCHISOSTOMA** Colloridi, 1891a, 854, for *Schistosoma*.
- SCHISTOMOSUM** Cummins & Dupaquier, 1907, Jan., 496, for *Schistosoma*.
- SCHISTOSOMA** Weinland, 1858 [prior to Sept. 30], 58, 87 (m. *haematobium*) (not *Schistosoma* Brady, 1877, *arachn.*).—R. Bl., 1895, 730 (*Schistosomum*).—Braun, 1893a, 894, 912; 1901, 562; 1901, 947; 1902b (*Schistosomum*), 140, 142, 144; 1903, 3 ed., 168; 1906, 176 (syns. *Gynæcophorus*, *Bilharzia*, *Thecosoma*).—Catto, 1904, 1499.—Christopher, 1905, Aug. 15, 259 (a peculiar egg of).—Christopher & Stephens, 1905, Nov. 11, 1289 (peculiar egg); 1905, 2341; 1905, Nov. 30, 1944; 1905, Aug. 26, 609.—Cobbold, 1879b, 39; 1885a, 498 (syn. of *Bilharzia*).—Colloridi, 1891a, 854 (*Schistosoma*).—Darr, 1902, 660.—Huber, 1896, 580 (syn. of *Bilharzia haematobia*).—Katsurada, 1904b, 1237–1249 (Japanese); 1904c, 298–305 (Japanese); 1904, 160; 1904e (*schistosomiasis* in Japan); 1904g, Oct. 31, 126–134; Nov. 30, 135–148 (*schistosomiasis* in Japan); 1905a, Jan., 14–15.—Leuck., 1863a, 617.—Looss, 1895, 3; 1899b, 543, 656, 657, 658–659.—Moniez, 1896, 154–155.—Montgomery, 1906, 15–46, 2 pls.; 1906, Feb.



## SCHISTOSOMA—Continued.

- 12, 18, 21 (*Schistosomum*).—Mont., 1896, 163.—Poche, 1907, 126.—Pratt, 1902, 889, 907.—Scheube, 1905, 150–155; 1905, 29 Aug., 1701.—Simon, 1897, 99.—Stiles, 1898a, 23, 27, 58, 63; 1903, 77.—Stiles & Haas., 1898a, 80, 93–94, 95, 98 (syns. *Gynæcophorus*, *Bilharzia*, *Thecosoma*) (type *Dist. hæmatobium*).—Ward, 1903, 224; 1903, 871–872.
- 1858: *Gynæcophorus* Dies., 1858, 356 (*hæmatobius*) later than Oct. 21, 1858.
- 1859: *Bilharzia* Cobbold, 1859, 364 (*hæmatobia*).
- 1860: *Thecosoma* Moquin-Tandon, 1860, 342 (*hæmatobium*).
- 1877: *Bilharzia* Sons., 1877, 652 for *Bilharzia*.
- 1891: *Schistosoma* Colloridi, 1891a, 854, misprint.
- 1895: *Schistosomum* R. Bl., 1895, 40, for *Schistosoma*.
- 1905: *Schistosoma* Schwarz, 1905, 31 Mar., 236, misprint.
- 1906: *Schistosomum* Montgomery, 1906, Feb. 12, 21, misprint.
- 1907: *Schistosomum* Cummins & Dupaquier, 1907, Jan., 496.
- bemfordi* Montgomery, 1906, 143–147, pl. 1, figs. 1–4, pl. 2, fig. 1 (in *Bos indicus*; India).
- bovis* (Sons., 1876) R. Bl., 1895b, 101–104, fig. 7.—Braun, 1902b, 143 (syn. *Bilharzia crassa*).—Gomy, 1897a, 377.—Looss, 1905m, 281.—Moniez, 1896, 154.—Montgomery, 1906, Feb. 12, 17 (in cattle; Egypt; in sheep, Sicily), 18, 19, 43, 44; 1906, 138 (syns. *Bilh. cr.*, *B. bovis*).—Rail., 1899, 788.—Stiles, 1898a, 23, 58, 60, 61, 62, 140, figs. 45, 46, 47.
- cattoi* R. Bl., in *Catto* [1904, Sept., 17, 663; 1904, Oct. 8, 710; 1904, Sept. 29, 1480; 1904, Nov., 15; 1904, Nov. 19, 1411; 1904, Nov. 26, 1499;] 1905, Jan. 7, 70–73, 9 figs. (in *Homo*); 1905, Jan. 7, 11–13, figs. 1–9 (in *Homo*; Prov. of Fukien, China); 1905, Jan. 28, 202; 1905, Jan. 19, 114; 1905, Mar. 1, 70–74; 1905, Mar. 31, 236; 1905, 179–189; 1906, Jan. 5, 617.—*Brit. Med. J.*, Lond., 1905, v. 1, 27–28.—Crimp, 1905, Jan. 1, 67–68 (pathology); 1906, Apr. 22, 219.—Looss, 1905, 94; 1905m, 280.—*J. Trop. Med.*, Lond., 1905, Apr. 1, 105.—Montgomery, 1906, Feb. 12, 18 (syn. of *S. japonicum*), 19.—Scheube, 1905, Apr., 150–155.—Stiles, 1905q, 821–823 (syn. of *japonicum*); 1905e, 1809; 1905t, 827.
- crassum* (Sons., 1877) Looss, 1899b, 657, 658.
- hæmatobium* (Bilharz, 1852) Weinland, 1858, 87; 1859, 281.—R. Bl., 1888a, 636 (syn. of *Bilharzia hæmat.*); 1895, 740–744, fig. 80; 1895, 40–101, figs. 2–6; 1900, 488.—Bourel-Roncier, 1888a, 101ff.—Braun, 1902b, 144; 1906, 176–181, figs. 109–113 (syns. *Dist. hæm.*, *D. capense*), 285.—*Catto*, 1904, 73; 1905, 71, 72; 1905, Jan. 7, 12.—Darr. 1902, 678.—Higgins, 1906, Mar. 24, 881–882 (in Canal Zone).—Katsurada, 1904, Dec., 148, 149, 150, 153, 154, 155, 156, 157.—Kowal., 1904, (10), 25 (in *Homo*; Kair).—Letulle, 1905e, 329–439, pls. 1–2, figs. 1–16; 1905c, 607–609.—Looss, 1896b, 158; 1899b, 657, 658, 751, 752; 1901, 27; 1905m, 281, 282, 284.—Moniez, 1896, 86, 154, 155–173, fig. 29; 1896, 86, to (*Bilharzia*).—Mont., 1896, 162, to (*Bilharzia*).—Montgomery, 1906, 139; 1906, Feb. 12, 16, 18, 31, 36, 40, 41, 43.—Rail., 1899, 787.—Roger, 1901, 94, 95.—Shaw, 1901, 1027.—Shipley, 1905, v. 6 (1), 4.—Stiles, 1898a, 23, 57, 58, 59, 60, 137, 138, 140, figs. 41, 42, 43, 44, 48; 1902, 40; 1902, 204; 1903, 8, 84.—Ward, 1895, 253 (syn. of *Gynæcophorus hæmatobius*), 328 (in *Homo*); 1903, 407; 1903, 863, 864, 872 (syns. *Dist. hæm.*, *Gynæcophorus hæm.*, *Bilh. hæm.*, *Thecosoma hæm.*, *Bilh. capensis*).—Yamagiwa, 1905, v. 6 (3), 2 pls.
- indicum* Montgomery, 1906, 139; 1906, Feb. 12, 44, 45 (in donkey; India).
- japonicum* Katsurada, 1904e, Aug. 3, 21 (in *Felis catus dom.* and *Homo*; Japan); 1904f, Dec., 147–160, pl. 7, figs. 1–10 (in *Felis domestica*; *Homo*; Japan, Prov. of Yamanishi); 1904b, 1237–1249; 1904c, 298–305; 1904d, 1–22; 1904g, 126–134, 135–148; 1905a, 14–15; 1905, Jan. 31, 236; 1905, Apr. 1, 108–111.—Beyer, 1905, Sept. 10, 578–579 (case in Asia); 1905, 4 pp.—Braun, 1906, 181–186, figs. 114–117 (syn. *Sch. cattoi*).—[*Catto*, 1904, Sept. 19, 1411.]—Inouye, 1903, 131–132.—[Kurimoto, 1893, 20 Nov.]—Logan, 1905, v. 19, 243–245 (Hunan Province); 1906, Oct. 1, 294–296, figs. 1–3.—Looss, 1905m, 280–285; 1905n, 1362; 1906, Feb., 31; 1906, May 1, 132.—Montgomery, 1906, 140; 1906, Feb. 12, 18 (man and cat), 19, 40, 43, 44 (syn. *S. cattoi*).—Scheube, 1905, Apr., 150–155.—Stiles, 1905q, 821–823 (syn. *cattoi*); 1905r, 7 pp.; 1905e, 1809; 1905t, 827; 1905bb, 854 (in Philippines); 1905, v. 39 (3), 280–285.—Woolley, 1906, 83–89, 3 pls., figs. 1–5 (in Philippines); 1906, Feb., 32–35; 1906, Apr. 21, 260; 1906, July 16, 530–531.

## SCHISTOSOMA—Continued.

*kowalewskii* (Par. & Ariola, 1896) Rail., 1899, 788, to Bilharziella by Looss, 1899b. *magnum* (Cobbold, 1859) Rail., 1899, 788.—Looss, 1899b, 658.

*mansoni* Sambon, 1907, June, 365–366 (in Homo; Africa).

*polonicum* (Kowal., 1895) Rail., 1898, 412; 1899, 788.—Looss, 1899b, 658, type of Bilharziella.—Reported for *Anas boschas*, *A. boschas dom.*, *A. acuta*, *A. crecca*, *A. querquedula*, *Ardea cinerea*, *Mergus albellus*.

[*reflexum* a term in teratology; it has no status in nomenclature.]

*spindalis* Montgomery, 1906, 147–150, pl. 2, fig. 2 (in *Bos indicus*; India).

SCHISTOSOMIASIS Toyama, 1905 (X, 26), 1739, medical term, name of the disease.—Miura, 1905a; 1906a, 46.—See also Bilharziosis.

SCHISTOSOMIDÆ Looss, 1899b, 542, 543, 659 (type *Schistosoma*; contains also *Koellikeria*, *Bilharziella*).—Braun, 1903, 3. ed., 168; 1906, 176.—Catto, 1905, (I, 7), 13.—Luehe, 1901, 488.—Montgomery, 1906, Feb. 12, 18, 19.—Pratt, 1902, 889, 907 (genera: *Schistosoma*, *Bilharziella*, *Koellikeria*).—Shipley, 1905, v. 6 (1), 4.—Ward, 1903, 864, 865.

SCHISTOSOMINÆ Stiles & Hass., 1898a, 90, 94, 95, 98.—Looss, 1901, 196.—Luehe, 1901, 175.—Stiles, 1898a, 22, 23, 58.

SCHISTOSOMUM R. Bl., 1895, 40, for *Schistosoma*, q. v.

SCHISTOSTOMA Schwarz, 1905, 31 Mar., 236, misprint for *Schistosoma*.

SCHISTOSUMUM Montgomery, 1906, Feb. 12, 21 (for *Schistosoma*).

SCHISTURUS Rud., 1809a, 8, 31 (m. *paradoxus*), 32; 1810a, 257–258.—Audouin, 1829, 408.—Blainv., 1824a, 513 “genre fort douteux établi par M. Rudolphi sur un animal incomplètement décrit par Redi”.—Deslongchamps, 1824uu, 674; 1829b, 238.—Dies., 1850a, 331 (syn. *Distomum*).—Looss, 1899b, 527, 528; 1902m, 721, 764, 765, 778.—Luehe, 1900, 492.—Stiles, 1901, 195, 196.—Stiles & Hass., 1898a, 92, 94 (?syn. of *Podocotyle*).

*paradoxus* Rud., 1810a, 257–258, pl. 12, fig. 4 (in *Tetrodon mola*; Europe); 1819a, 118 (syn. of *Dist. nigrofavum*).—Audouin, 1829, 408.—Dies., 1850a, 394 (syn. of *D. nig.*, in *Orthogoriscus mola*; Naples).—Looss, 1899b, 528; 1902m, 721, 764.—Luehe, 1900, 492.—Stiles, 1901, 196.—Stiles & Hass., 1898a, 92, 93.

(SCHIZOCERCA) subg. of *Cercaria*.—Dies., 1858d, 264–265.

*dichotoma* (Mueller, 1855) Dies., 1858d, 265 (free; Nice).

*fascicula* (La Valette, 1855) Dies., 1858d, 265 (in *Lymnæus stagnalis*; Berlin).

*gracilis* (La Valette, 1855) Dies., 1858d, 264–265 (in *Planorbis corneus*; Berlin).

SINISTROPORUS Staff., 1904, May 3, 484–485 (tld. simplex designated in letter from Staff.); sinister, left; *πίσος* = pore.

*productus* Staff., 1904, May 3, 485 (in *Hemitripteris americanus*; Canada) (productus, lengthened).

*simplex* (Rud., 1809) Staff., 1904, 484–485 (in *Acanthocottus scorpius*, *Gasterosteus aculeatus*, *Hemitripteris americanus*, *Phycis chuss*, *Salmo salar*, *Scomber scombrus*, *Sebastes marinus*).

SODALIS Kowal., 1902d, 27 (m. *spatulatus*), 28 (10).

*spatulatus* (Rud., 1819) Kowal., 1902, 27 (9).

SOLENOCERCA Dies., 1855a, 380, 383 “Der abgeworfene Sporenschwanz ist zuweilen von einem Schlauche oder einer Röhre durchgezogen (*Solenocerca*, — *Redia Filippi*).”

SOLENOCOTYLE Dies., 1850a, 289, 420 (m. *chiajei*); 1858e, 314, 374.—Ben. & Hesse, 1864, 84.—Braun, 1890a, 518.—Goldb., 1855a, 19.—Mont., 1888a, 89.

*chiaje* Tasch., 1879, 251, for *chiajei*.

*chiajæ* Mont., 1888a, 89, for *chiajei*.

*chiajei* Dies., 1850a, 420 (Polyst. *loliginis Chiaje*, 1823, renamed) (in *Loligo vulgaris*; Naples); 1858e, 374.—Mont., 1888a, 89 (*chiajæ*) Tasch., 1879, 251 (*chiajæ*).

SPATHIDIUM Looss, 1899b, 605 (*ἡ σπάθη* = spade) (tod. *folium*) [not *Spathidium* Duj., 1841a]; 1900, 605; 1901b, 202, 222 (Phyllostid.); 1902m, 476.—Braun, 1901b, 9.—Odhn., 1902, 65.—Osborn, 1903, 257 (syn. of *Phyllostid*. Braun, 1899).

*cymbiforme* (Rud., 1819) Looss, 1899b, 605.—Type of *Plesiochorus* 1901.

*folium* (Olfers, 1816) Looss, 1899b, 605.—See also *Rhopalocerca*.

*patellare* (Sturges, 1897) Looss, 1899b, 605.

SPBYRANURA Mont., 1888a, 11 (for Sphyranura).

SPECIES.—Looss, 1902, 779–794, variation of and conception of, among trematodes.

SPELOTREMA Jägers., 1901b, Dec. 31, 982 (tod. pygmæum); 1903a, 14, 15.—Looss, 1902m, 706, 824 (type pygmæum).

*claviforme* (Brand., 1888) Nicoll, 1907, 247, 248, 249, 254–256 (in *Aegialitis hiaticula*, *Pelidna* (*Tringa*) *alpina*).

*excellens* Nicoll, 1907, 247, 248–251, 252, 253 (syn. *S. simile* Jägers.) (in *Larus argentatus*).

*feriatum* Nicoll, 1907, 247, 248, 251–253 (in *Aegialitis hiaticula*, *Hæmatopus ostralegus*, *Pelidna* (*Tringa*) *alpina*, *Totanus calidris*, *Vanellus vanellus*).

*pygmæum* (Levin., 1881) Looss, 1902m, 785, 786, 809, 854.—Nicoll, 1907, 247, 248, 249, 250, 251, 253, 254, 255, 256 (in *Oidemia fusca*, *O. nigra*).—Odhn., 1905, 314–318, figs. 1, 2 (syns. *Dist. pyg.*, *Levinnesia pyg.*) (in *Larus* sp.; west coast of Sweden).

*simile* (Jägers., 1900) Looss, 1902m, 706, 786, [809], 854.—Nicoll, 1906, 522 (*similis*) (to *Levinnesia*).—Odhn., 1905, 315, 316, 317, fig. 2b.

*similis* Nicoll, 1906, 522 (to *Levinnesia*), for *simile*.

SPHEROSTOMA Rud., 1809a, 38, 39 (type by virtual tautonymy *globiporum*) [nec *Sperosoma* Kœler; nec *Sphærodoma* Keyes].—Darr, 1902, 655, 661.—Looss, 1899b, 527, 571, 595, 646, 647, 648–649; 1902m, 757, 758, 769, 830, 831.—Stiles, 1901, 167, 179, 188, 191, 192, 193, 194, 195, 200.—Stiles & Hass., 1898a, 94–95, 97 (type *globiporum*=*bramæ*).—Stoss., 1902, 582.

1902: *Sphærostomum* Looss, 1899b, 648, for *Sphærostoma*.

*globiporum* (Rud., 1802) Looss, 1899b, 595, 649; 1902m, 654, 747, 765.—Ssinitzin, 1905, 113–121; 1906, 685 (larva is *Cerc. micrura*).—Stiles, 1901, 194.

SPHEROSTOMUM Looss, 1899b, 648–649 (for *Sphærostoma* Rud.).

SPHYRAMURA Mont., 1888a, 36 (for Sphyranura).

SPHYRANURA Mont., 1888a, 49 (for Sphyranura).

SPHYRANURA R. Wright, 1879, 15–20, pl. 1, figs. 12–14, 54–75 (*m. osleri*).—Bettend., 1897a, 8, 38; 1897, 312, 342.—Brand., 1891d, 15; 1898a, 214 [22].—Braun, 1889k, 622; 1890a, 413, 415, 433, 434, 435, 437, 440, 442, 445, 451, 453, 457, 462, 463, 466, 469, 470, 481, 482, 483, 487, 491, 492, 511, 517, 523, 538, 540, 546; 1893a, 890.—Gamb., 1896a, 56, 73.—Goto, 1891c, 103.—Haswell, 1892a, 458, 460; 1892b, 149; 1893e, 112, 113, 114, 144, 145.—Hoyle, 1890, 539.—Lander, 1904a, 16, 17.—Looss, 1894, 23, 24; 1894a, 136, 203.—Mont., 1888a, 10, 11 (*Spbyranura*), 15, 16, 23, 34, 36 (*Sphyramura*), 37, 46, 47, 48, 49, 50, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 64, 65, 66, 67, 89, 100; 1892, Oct. 7, 213 (gen. of *Polystomineæ*); 1893, 18, 39, 41, 111, 118; 1903, 336 (subf. *Dicotylinae*).—Pratt, 1900, 646, 651, 656, 659, fig. 22 (*Spyranura*).

1888: *Spbyranura* Mont., 1888a, 11, misprint.

1888: *Sphyrannura* Mont., 1888a, 49, misprint.

1888: *Sphyramura* Mont., 1888a, 36, misprint.

*osleri* R. Wright, 1879, 66–71, pl. 1, figs. 13–14, in *Necturus* (*Mesobranchus*) *lateralis*; ? Canada.—Braun, 1890a, 410, 418, 422, 424, 425, 430, 449, 454, 456, 468, 490, 540, 548, 552; 1891a, 53.—Crety, 1893a, 384.—Goto, 1891a, 160.—Haswell, 1892b, 150, 151; 1893e, 97, 99, 115.—Kowal., 1898h, 158 (55).—Lander, 1904a, 16.—Looss, 1894, 21; 1894a, 234.—Mont., 1888a, 8, 13 (*oslerii*), 20 (*Spyranura*), 25, 26, 27, 29, 32, 34, 35, 37, 39, 41, 44, 47, 48, 49 (*Sphyrannura*), 56; 1891, 1892, 99, 104; 1893, 16, 39, 112.—Pratt, 1900, 656, 657, 659 (key) (*Spyranura*), fig. 22.—Staff., 1900, 405; 1905, 682 (in *Necturus maculatus* Raf.; Canada).—Wright & Macallum, 1887, 1–48, pls. 1–48.

*oslerii* Mont., 1888a, 8, 13, for *osleri*.

SPOROCERCA Dies., 1855a, 379–380, “Der abgeworfene Schwanz der Cercarien ist somit ein Sporenbehälter, welcher von Baer als *Sporocystis*, von Siebold als *Keimschlauch*, von Steenstrup als *Amme*, von Beneden als *Scolez* and von Filippi als *Redia* beschrieben und abgebildet wurde. Ich werde mich in der Folge dafür des Collectivnamens Sporenschwanz (*Sporocerca*) bedienen.”

SPOROCYSTIDES Baer.—Dies., 1858d, 240, 242.

SPOROCYSTIS Baer.—Braun, 1892a, 775.—Burm., 1856a, 245.—Dies., 1855a, 379 (cf. *sporocerca*); 1858d, 270 (cf. *sporonema*).—Fil., 1854a, 6.—Pag., 1857, 10.—Wagener, 1866, in 145–150, figs. 1–11.

SPOROCYSTOPHORA Fil., 1856.

**SPOROCYSTOPHORÆ** Fil., —.—Dies., 1858d, 240, 242.

**SPORONEMA** Dies., 1855a, 380, "Bei allen zwei schwänzigen [Cercaria] hingegen wächst die Spitze des Sporenschwanzes in eine fadenförmige unverästelte oder verästelte Röhre aus, welche stellenweise in Knoten oder Kugeln answillt, die neue Brut in allen Graden der Entwicklung einschliesst, und endlich auch selbst vom Sporenschwanz abfällt (Sporonema)"; 1858d, 270 (cf. Sporocystis).

**SPORONEMATA** Dies., 1858d, 240.—See *Sporonema*.

**SPOROTHERIUM** Dies., 1858d, 240 (i. e. *Redia* Fil.).

**SPYRANURA** Mont., 1888a, 20, for *Sphyrnura*.

**SQUALONCHOCOTYLE** Cerf., 1899a, 347, 373, 420, 440, 445, 446, 454–455, 456 (type *borealis*, designated by Cerf. in correspondence with Stiles, Jan. 21, 1907).—Mont., 1903, 336 (subf. *Onchocotylinæ*).

*abbreviata* (Ols., 1876) Cerf., 1899a, 375, 380, 382, 460, pl. 19, fig. 3 (syn. *Onchocotyle abbreviata* Ols.) (in *Acanthias vulgaris*; Roscoff).

*borealis* (Ben., 1853) Cerf., 1899a, 374, 379–380, 382, 421, 422, 423, 424, 427, 428, 431, 433, 434, 436, 443, 444, 446, 456–457, pl. 18, fig. 13, pl. 19, fig. 7, pl. 20, figs. 13, 14, pl. 21, fig. 16 (syn. *Onchocotyle borealis* Ben.) (in *Scymnus borealis*; Liège).—Odhn., 1905, 372 (syn. *Onchoc. bor. Ben.*).

*canis* Cerf., 1899a, 375, 380, 382, 398, 406, 410, 433, 443, 447, 450, 458–459, pl. 18, figs. 1, 2, 7, 12, pl. 19, fig. 2, pl. 20, fig. 12, pl. 21, figs. 2, 6, 10 (in *Galeus canis*; Roscoff).

*grisea* Cerf., 1899a, 376, 381, 383, 461, pl. 19, fig. 8 (syn. *Onchocotyle appendiculata* Tasch., 1879) (in *Hexanchus griseus*).

*spinacis* (Goto, 1894) Cerf., 1899a, 376, 380–381, 383, 404, 417, 419, 424, 460–461, pl. 19, fig. 4 (syn. *Onchocotyle spinacis* Goto) (in *Spinax* sp.).

*vulgaris* Cerf., 1899a, 375, 379, 382, 403, 406, 409, 419, 427, 437, 438, 444, 446, 450, 457–458, pl. 18, figs. 3, 4, 9, pl. 19, fig. 1, pl. 20, figs. 5, 8–11, pl. 21, figs. 3, 5, 7, 9 (syns. *Polyst. appendiculatum* of Thær, 1850; *Onchocotyle emarginata* of Sons., 1890) (in *Mustela vulgaris*).

**STEGANODERMA** Staff., 1904, May 3, 486–487 (m. *formosum*) (*στεγανός*=covered). *formosum* Staff., 1904, May 3, 486–487 (t. h. *Hippoglossus hippoglossus*; Canada.) (*formosus*, well formed).

**STENAKRON** Staff., 1904, May 3, 487 (m. *vetustum*) (*στενός*=narrow; *ἄκρον*=end). *vetustum* Staff., 1904, May 3, 487 (in *Hippoglossus hippoglossus*; *Hemitripterus americanus*), based on Linton, 1901, 485, pl. 32, fig. 359, pl. 33, figs. 360–362, in *Limanda ferruginea*; Woods Hole) (*vetustus* old).

**STENOCOLLUM** Staff., 1904, May 3, 487 (m. *fragile*); (*στενός*, narrow; *collum*, neck. *fragile* (Lint., 1900) Staff., 1904, 487 (in *Mola mola*).

**STEPHANOCHASMUS** Looss, 1900, Dec. 3, 603 (=Stephanostomum Looss, 1899 [not Stephanostoma Danielson & Koren] renamed, hence type *cesticillus*); 1901b, 199; 1901e, 595, 597–605, 628, 629, 634, 654–661; 1901f, 1902g; 1902m, 441, 780, 808, 838.—Braun, 1901a, 34; 1902b, 30.—Odhn., 1902, 37; 1902, 155, 159; 1905, 331.—Pratt, 1902, 888, 895.

1899: *Stephanostomum* Looss, 1899b, 576 (tod. *cesticillus*), not *Stephanostoma* Danielson, 1880, worm.

*baccutus* Nicoll, 1907, 72, 80–83, pl. 2, figs. 5–7 (in *Hippoglossus vulgaris*; Scotland). *bicornatus* (Stoss., 1883) Looss, 1901e, 599–601, 604, fig. 2 (in *Umbrina cirrheosa*, *Corvina nigra*).

*caducus* Looss, 1901e, 603–604, fig. 4 (in *Gadus minutus*, *Lophius piscatorius*; apparently Triest).—Nicoll, 1907, 81.

*cesticillus* (Mol., 1858) Looss, 1901e, 598–599, 601, 604, fig. 1 (in *Lophius piscatorius*).—Nicoll, 1907, 80, 81, 82, 83.

*histris* (Dies., 1850, for *hystrix* Duj., 1845) Staff., 1904, May 3, 485 (on fins of *Pseudopleuronectes americanus* Walb., and in cysts free in stomach of *Lophius piscatorius* containing 2 partially digested *Limanda ferruginea*).

*minutus* Looss, 1901e, 604–605 (in *Uranoscopus scaber*; apparently Triest).—Nicoll, 1907, 83.

*pristis* (Delongchamps, 1824) Looss, 1901e, 601–603, 604–605, figs. 3, 5 (in *Gadus euxinus*, *G. minutus*, *Motella vulgaris*).—Nicoll, 1907, 80.

*sobrinus* (Levin., 1881) Staff., 1904, May 3, 485 (in rectum of *Hemitripterus americanus*, *Cryptacanthodes americanus*, *Lycodes* sp.; Canada).—Odhn., 1905, 331 (syn. *Dist. sobrinum*).

- STEPHANOPHARYNX** Fischder., 1901, 370 (m. *compactus*); 1902a, 24; 1903h, 492 (Paramphistominae), 551.—Looss, 1902m, 835.—Pratt, 1902, 887, 892.—Shipley, 1905, v. 6 (1), 8.
- compactus* Fischder., 1901, 370 (in *Bos taurus*); 1902a, 24–26, fig. 2 (in *Bos taurus*; Africa); 1903h, 493, 496, 566, 567, 584.
- STEPHANOPRORA** Odhn., 1902, 22–24 (m. *ornata*), fig. 1.—Pratt, 1902, 888, 895 (key).
- ornata* Odhn., 1902, 22–24, fig. 1 (in Nilkrokodil).
- STEPHANOSTOMUM** Looss, 1899b, 576–577, 579, 582, 583, 590, 596 (tod. *cesticillus*) [not *Stephanostoma* Danielsen, 1880, Vermes), *ὁ στρίφαρος*, Stirnkrone, Kranz; 1900, 603 (renamed *Stephanochasmus*); 1901, 595.—Braun, 1901b, 34; 1901i, 55.—Luehe, 1900, 489.—Rud., 1801a, 58.—Stiles, 1901, 189.
- cesticillus* (Mol., 1858) Looss, 1899b, 576, 582, 696–698, figs. 21–22 (in *Lophius piscatorius*; Naples).
- hystrix* (Duj. of Olss.) Looss, 1899b, 576, 582.
- lydx* (Stoss., 1896) Looss, 1899b, 576, 582.—Type of *Dihemistephanus* 1901.
- pristis* (Deslongchamps, 1824) Looss, 1899b, 576, 582, 697.
- sobrinum* (Levin., 1881) Looss, 1899b, 576, 582.
- STERELMINTHA** Owen, 1835, 390.—Aitken, 1872, 146, 178–207; 1874, 57.—Baird, 1853a, 39 (pars=Trematoda).—Dunglison, 1893, 820, 1039.—Mont., 1888a, 84.—Sieb., 1839, 153.—Tasch., 1879, 234.
- STERINGOPHORUS** Odhn., 1905, 309 (tod. *furciger*).
- furciger* (Olss., 1868) Odhn., 1905, 301, 305–310, pl. 2, figs. 6–7 (in *Pleuronectes limanda* and *Drepanopecten platessoides*; on Swedish west coast; *Cottus scorpius*, *Gymnocanthus ventralis*, *Lycodes pallidus*; East Greenland).—Nicoll, 1907, 72, 183 (in *Pleuronectes limanda*).
- STERRHURINAE** Looss, 1907, 599–600, subf. of *Hemiuridae*, contains: 1. *Sterrhurus*, 2. *Lecithochirium*, 3. *Synaptobothrium*, 4. *Plerurus*.
- STERRHURUS** Looss, 1907, 600 (tod. *musculus*).
- fusiformis* (Luehe, 1901) Looss, 1907, 602 (in *Conger conger*).
- grandiporus* (Rud., 1819) Looss, 1907, 601–602 (in *Muraena helena*; Naples).
- imocavus* Looss, 1907, 601 (in *Thynnus* sp. (? *thunnina*); Alexandria, Egypt).
- musculus* Looss, 1907, 600–601 (in *Anguilla vulgaris*, *Dentex vulgaris*; Trieste; also in *Acipenser sturio*, *Gadus euxinus*, *Gobius jozo*, *Labrax lupus*, *Lichia amia*, *Lophius piscatorius*, *Ophidium barbatum*, *Pagellus erythrinus*, *Rhombus maximus*, *Serranus cabrilla*, *Trachinus draco*; Trieste).
- STICHOCOTYLE** Mont., 1892, Oct. 7, 176, for *Stichocotyle*.
- STICHOCOTYLE** Mont., 1888a, 9, for *Stichocotyle*.
- nephropis* (Cunningham, 1884) Mont., 1888a, 9, for *Stichocotyle nephropis*.
- STICHOCOTYLE** Cunningham, 1884a, July 12, 399 (m. *nephropis*); 1887a, 273–280, figs. 1–6.—Brand., 1898a, 213 [21].—Braun, 1892, 47; 1892a, 571, 581, 660, 672; 1893a, 892.—Hoyle, 1890, 539.—Jackson, 1888, 645, 646.—Mont., 1888a, 16, 31, 32, 42, 43, 44, 45, 46, 47, 91, 107; 1892, Oct. 7, 176, 196, 198; 1893, 20, 36, 37.—Nickerson, 1901, Mar. 8, 378 (*Aspidobothridae*); 1902, 603, 604, 607, 609, 610, 612, 614, 615, 616, 617.—Odhn., 1902, 44, 45.—Pratt, 1902, 887, 891.
- 1888: *Stichocotyle* Mont., 1888a, 9, misprint.
- 1892: *Stichocotyle* Mont., 1892, 176, misprint.
- nephropis* Cunningham, 1884a, 399 (in *Nephrops norvegicus*; Firth of Forth); 1887a, 273–280, pl. 39, figs. 1–6.—Braun, 1892a, 571.—Jackson, 1888, 642.—Jägers., 1899, 202.—Mont., 1888a, 9 (*Stichocotyle*), 12, 26, 38, 39, 80, 89; 1893, 36, 48.—Nickerson, 1895, 447–480, pls. 29–31 (in American lobster); 1895, 634–635; 1902, 614, 617 (in *Raja* sp.; Europe, N. America).—Odhn., 1898, 509–513 (sexual form).—Rossbach, 1906, 374.
- (**STICHORCHIS**) Fischder., 1901, 373 (tod. *giganteus*), subg. of *Cladorchis*: 1902a, 41 (type *giganteus*).—Looss, 1902m, 836.—MacCallum, 1905b, 668.
- giganteus* (Dies., 1836d) Fischder., 1901, 373; 1902a, 41–42, 43 (in *Dicotyles albirostris*, *D. torquatus*).
- subtriquetrus* (Rud., 1814) Fischder., 1901, 373–374; 1902a, 35, 42–43 (syns. *Amphist. subtriquetrus* Rud., *Dist. amphistomoides* Boj.) (in *Castor fiber*); 1903h, 567.
- STICHORCHIS** (Fischder., 1901) Looss, 1902m, 439.
- subtriquetrus* (Rud., 1814) Looss, 1902m, 439.

- STICTODORA** Looss, 1899b, 671–672 (m. sawakinensis), *στικτός*, punctuate; *ἡ δορά*, skin; 1902m, 442.—Pratt, 1902, 890, 910.
- sawakinensis* Looss, 1899b, 672, 754–755, fig. 90 (in Laurussp.; Sawakin, Egypt, Jan.).
- STOMYLOTREMA** Looss, 1900, Dec. 3, 602 (=Stomylus Looss, 1899 [not Fähr., 1871] renamed) (type singulare=perpastum).—Braun, 1901, 260; 1901, 896; 1902b, 85, 86, 91 (syn. Stomylus) (type S. perpastum Braun=singulare Mol. of Looss).—Odhm., 1902, 38.
- 1902: Stromplotrema Zool. Rec., 1902 (1901), v. 38, 53, Vermees, misprint.
- bijugum* Braun, 1901g, 896 (in Himantopus melanopterus Mey.; Brazil); 1902b, 91, fig. 53.
- fastosum* Braun, 1901g, 896 (in Caprimulgus sp., Squatarola helvetica; Brazil); 1902b, 90, fig. 52.
- perpastum* Braun, 1902b, 86, 88 (syn. Stomylus singularis of Looss, not Dist. singulare Mol.).
- pictum* (Crep., 1837) Braun, 1901, 896; 1902b, 86 (syns. Dist. pictum Crep., 1837, 313, 316; D. singulare Mol., 1861, 200).
- [*singulare* (Mol., 1861, of Looss)].
- tagar* Braun, 1901g, 896 (in Hirundo versicolor Natt.; Brazil); 1902b, 90, fig. 51.
- vicarium* Braun, 1901, 896 (in Ibis caerulescens Vieill.; Brazil); 1902b, 89, 90, fig. 1.
- STOMYLUS** Looss, 1899b, 629–630 (m. singularis) (*στωμύλος*=Der ein gutes Mundwerk hat) [nec Stomylus Fähræus, 1871, coleopteron]; 1900, Dec. 3, 602 (renamed Stomylotrema).—Braun, 1902b, 85, 86, fig. 49 (syn. of Stomylotrema).
- singularis* (Mol., 1861, of Looss) Looss, 1899b, 596, 630, 723–725, figs. 42–43 (in Glareola prantincola; Dachschur).—Braun, 1901, 260; 1901, 896; 1902b, 86, 88 (syns. Stomylotrema perpastum, not Dist. singulare Mol.).
- STRIGEA** Abildg., 1790a, 37, pl. 5, a–c (m. strigis), mentions only Gœze, 1782a, 174, pl. 14, figs. 4–6 (=strigis).—Baird, 1853 (=Holost. macrocephalum).—Brand., 1888a, 9.—Braun, 1893a, 884, 894, 902.—Cuv., 1817, 41.—Deslongchamps, 1824yy, 701; 1829e, 677.—Dies., 1850a, 307 (syn. Hemist. Dies.), 312 (syn. of Holost. variabile).—Fischder., 1901, 367; 1902a, 6 (renamed Amphistoma by Rud.), 7 (m. strigis Gœze, 1782a, =Amphist. macrocephalum Rud., 1809, =Holost. macrocephalum Nitzsch, 1819) (“if again made valid=Holost., while Amphist. must receive a new name”); 1903b, 487, 490.—Linst., 1905, 191.—Looss, 1902m, 438, 439, 746, 756.—Luehe, 1901, 175.—Rud., 1801a, 59; 1809a, 21.—Shipley, 1905, v. 6 (1), 7 (type Holost. macr.).
- 1801: Amphistoma Rud., 1801a, 50 (Strigea renamed).
- 1819: Holostomum Nitzsch, 1819, 399–401, type by inclusion variabile=strigis.
- anatis tadornæ* Viborg, 1795, 196.—Dies., 1850a, 313 (syn. of Holost. erraticum).—Rud., 1809a, 352 (to Amphist.).
- candida* Mueller (or Abildg.), 1806a, v. 4, 32, pl. 143, fig. C, 1–2.—Dies., 1850a, 313 (syn. of Holost. erraticum).—Olfers, 1816, 48.—Rud., 1814a, 100 (renamed Amphist. isostomum).
- cervi* (Schrunk, 1790) Rail., 1893a, 376.—Stiles, 1898a, 64.
- falconis palumbi* Viborg, 1795, 243.—Baird, 1853a, 47 (=Holost. macrocephalum).—Dies., 1850a, 309 (syn. of Hemist. spathula).—Rud., 1809a, 352 (to Amphist.).
- longicollis* (Duj. [Rud., 1819]) Luehe, 1905, 215 (syns. Echinorhynchus gazæ, Gmelin, Zed.; E. ardæ albæ Rud.; E. sp. Mueller).
- STROMPLOTREMA** Zool. Rec., 1902 (1901), v. 38, 53 Vermees, for Stomylotrema.
- STYPHLODORA** Looss, 1899b, 592, 593, 594, 633 (tod. serrata) (*στυφλός*=rough; *ἡ δορά*=skin); 1901, 560; 1902m, 505, 506, 507 (diagnosis), 512, 514, 821.—Cohn, 1902, 882.—Odhm., 1902, 27, 40, 42.—Pratt, 1902, 888, 899.
- 1902: Styphlodora Looss, 1902m, 872, misprint.
- serrata* Looss, 1899b, 592, 707–708, 709, fig. 28 (in Varanus niloticus; Zool. Inst., Leipzig).—Luehe, 1900, 561.
- solitaria* Looss, 1899b, 592, 708–709, fig. 29 (in Thalassochelys corticata; Abukir); 1902m, 505, 506–507, 511, 517, 872, pl. 24, fig. 40.—Luehe, 1900, 560, 561.—Pratt, 1903, 25 (Styphlodora), 33, to (Renifer).
- SUBCLAVATA** Gœze, 1782, 41, 169, 178–179 (a “Klasse” of Plan. Gœze, 1782, containing Fasc. subclavata Pallas).

- SYNAPTOBOTHRUM** Linst., 1904, 254 (m. copulans).—Odh., 1906, 59–66, figs. 1–2 (syn. of *Lecithochirium* Luehe, 1901, 473).
- caudiporum* (Rud., 1819) Looss, 1907, 604 (in *Zeus faber*; Triest; also in *Caranx trachurus*, *Lophius piscatorius*, *Platessa passer*, *Rhombus laevis*, *R. maximus*, *Scomber colias*; Triest).
- copulans* Linst., 1904, 254, figs. 1–4 (in *Arnoglossus laterna*; ?Louvain); 1906, 751.—Odh., 1906, Apr. 3, 59–66, figs. 1–2 (to *Lecithochirium*).
- SYNCOLIINÆ** Looss, 1899b, 544, 642, 645, 646; 1901, 208 (includes: *Syncœlium*, *Progonus*, *Otiotrema*).—Fuhrmann, 1904, 61 (*Syncoliinæ*).—Odh., 1905, 366.—Pratt, 1902, 889, 905 (includes: *Progonus*, *Syncœlium*, *Otiotrema*; related genera *Halipegus*, *Accacœlium*, *Eurycœlium*).
- 1904: *Syncoliinæ* Fuhrmann, 1904, 61, for *Syncœliinæ*.
- SYNCœLIUM** Looss, 1899b, 643–644, 645, 646 or 647, 741, 742, 743 (m. *ragazzii*); 1901, 208, 209, 210; 1902m, 642, 813.—Braun, 1902b, 23.—Fuhrmann, 1904, 61.—Luehe, 1901, 481, 482, 486.—Odh., 1905, 366.—Ofenheim, 1900, 160.—Pratt, 1902, 889, 905.
- ragazzii* (Setti, 1897) Looss, 1899b, 644, 731–736, 737, 738, 743, 746, figs. 50, 62, 63–68 (in *Lamna* sp.; Sawakin).—Darr, 1902, 661.—Luehe, 1901, 481.
- SYNCOLIINÆ**, see *Syncœliinæ*.
- TAPHROGONIMUS** Cohn, 1904, 235–237 (m. *holostomoides*).
- holostomoides* (Mehlis, 1846) Cohn, 1904, 235–237 (syn. *Monostomum pingue* Crep., 1843; Braun, 1893a, 915; Brand., 1892, 504–511).—Reported for *Podiceps cristatus*.
- (TAXORCHIS)** Fischder., 1901a, 373 (tod. *schistocotyle*); 1902a, 39–40; 1903h, 498.—Looss, 1902m, 836 (as genus).
- schistocotyle* Fischder., 1901a, 373 (in *Dicotyles torquatus*); 1902a, 40–41 (syn. *Amphist. giganteum* Dies., e. p.).
- TELORCHINÆ** Looss, 1899b, 569.—Braun, 1901b, 20.—Pratt, 1902, 888, 895 (includes *Telorchis*, *Orchidasemus*; related genus *Deropristis*).
- TELORCHIS** Looss, 1899b, 566–569, 614 (tod. *linstowi* = ? *aculeatus*); *τηλωδ. τηλαε*, in der Ferne; *ὄρχις*, testes; 1900, 608.—Braun, 1900, 234.—Stiles, 1901, 183, 185.—See also *D. ercolanii*, *D. poirieri*, *D. nematoides*, *D. arrectum*.
- TELORCHIS** Luehe, 1899, 529, 530 (tod. *clava*); 1900, 556, 566; 1901, 488.—Braun, 1900, 390; 1901b, 13, 14, 17, 19, 20, 21, 26, 30, 34; 1901i, 56, 58.—Looss, 1901, 207; 1902m, 824, 831, 832, 834, 839.—Pratt, 1902, 888, 895.
- aculeatus* (Linst., 1879) Braun, 1901b, 14–17 (syn. *Dist. linstowi* Stoss.), 19, fig. 4.—Stoss., 1904, 4, 5, 6, 8 (in *Testudo græca*; Albania).
- arrectus* (Duj. of Mol., 1859) Stoss., 1904, 9 (in *Podarcis muralis*; Italy).
- augustus* Staff., 1905, Apr. 11, 690 (in *Chrysemys picta*; Canada), misprint for *angustum* (Dist.), 1900.
- bifurcus* (Braun, 1899) Braun, 1901, 18–19, 30, fig. 2.—Heymann, 1905, 95 to (*Cercorchis*).—Stoss., 1904, 9 (*Testuggini d'acqua dolce*; Brazil).
- clava* (Dies., 1850) Luehe, [1899, 529:] 1900, 566.—Looss, 1900, 608; 1901, 207; 1902m, 831.—Odh., 1900, 17.—Stoss., 1904, 9 (in *Eunectus scytale*; Brazil).
- ercolanii* (Mont., 1893) Braun, 1901b, 16.—Rizzo, 1902, 28 (syn. *Dist. monticelli*) (in *Tropidonotus natrix*; Catania).—Stoss., 1904, 4, 5–6 (syn. *T. nematoides*) (syn. *Dist. ercolanii*) (in *Trop. nat.*, *T. viperinus*; Italy).
- linstowi* (Stoss., 1890) Looss, 1899b, 566 (type of *Telorchis* Looss, not Luehe).—Braun, 1901b, 14 (syn. of *aculeatus*).—Luehe, 1900, 566 to (*Cercorchis*, type).—Stoss., 1904, 3, 4.
- nematoides* (Mueh., 1898) [Luehe, 1899, 529.—] Braun, 1901b, 16.—Looss, 1899b, 567.—Odh., 1900, 17.—Stoss., 1904, 4, 6 (syn. *T. ercolanii*) (in *Tropidonotus natrix*; Germany).
- parvus* Braun, 1901b, 19–20, fig. 3 (in *Testudo orbicularis*; Vien. Mus.).—Heymann, 1905, 95, to (*Cercorchis*).—Stoss., 1904, 9 (in *Cistudo lutaria*).
- pleroticus* (Braun, 1901) Braun, 1901b, 17–18, fig. 5.—Heymann, 1905, 95, to (*Cercorchis*).—Stoss., 1904, 9 (in *Testuggini d'acqua dolce*; Brazil).
- poirieri* (Stoss., 1895) Odhn., 1902, 31.—Heymann, 1905, 95, to (*Cercorchis*).—Stoss., 1904, 3–5, fig. 2 (syns. *Dist. gelatinosum* Rud. of Poir., 1885, *D. poirieri*) (in *Cistudo lutaria*; Italy and France; in *Emys orbicularis*; Sassari, Sardegna).
- solivagus* Odhn., 1902, 29–32, fig. 2 (in *Clemmys caspica*).—Stoss., 1904, 9 (in *Cl. casp.*; Caucasias).

**TELORCHIS (CERCORCHIS)** Heymann, 1905, 94, sp. (in *Dermatemys mavii*).

**TEMNACEPHALE** Cosmovici, 1887a, 127 (for *Temnocephala*).

**TEMNOCEPHALA** E. Bl., 1849, 51-52 (m. *chilensis*).—Bettend., 1897a, 8; 1897, 312.—R. Bl., 1888, 137, 138 (m. *chilensis*) (on *écrevisse*; Chili), g. of *Branchiobdellides*.—Brand., 1891d, 13, 24, 27, 28, 29.—Braun, 1889k, 620, 621; 1890a, 408, 412, 422, 424, 425, 429, 430, 435, 436, 437, 440, 442, 444, 445, 447, 451, 456, 458, 461, 465, 466, 468, 469, 470, 471, 472, 475, 479, 481, 482, 485, 490, 491, 497, 499, 510, 511, 512, 517, 520, 521, 522, 523, 525, 1890b, 84-90, 125-128; 1890e, 595; 1893a, 889; 1893b, 179; 1895b, 25; 1906, 129.—Buttel-Reepen, 1900a, 590.—Chilton, 1888, 252; 1889a, 252-253 (on crayfish in New Zealand).—Cosmovici, 1887a, 127 (*Temnacephale*).—Darr, 1902, 649, 678.—Gamb., 1896a, 4, 56, 73.—Graff, 1903.—Haswell, 1887a, 279-302, pls. 20-22; 1888a, 50-51; 1888, 279-302; 1892a, 457ff; 1892b, 149-151; 1892c, 486; 1892d, 360-362 (integument); 1893, 455-460; 1893c, 342; 1893d, 477; 1893e, 93ff; 1893f, 153, 154, 155, 156; 1894, 93-152.—Kathariner, 1894a, 132, 134.—Looss, 1894a, 219; 1895, 36.—MacLaren, 1904, 582, 601.—Mont., 1888a, 10, 15, 17, 18, 22, 27, 33, 34, 35, 36, 38, 39, 42, 43, 44, 45, 47, 48, 49, 50 (*Temuocephala*), 51, 52, 53, 54, 56, 57, 58, 64, 66, 67, 86, 88, 98, 110; 1889b, 4pp., 3 figs.; 1891, 1892, 100, 108, 109, 110, 128, 129; 1892, Oct. 7, 186, 213 cg. of *Temnocephalidæ*; 1893, 8, 9, 114, 211; 1899, 72-122 (107 *Temoncephala*); 1905f, 21-24, 2 figs. (in *Sesarma gracilipes*; New Guinea); 1905h, 402-403.—Plate, —, 187-191.—Pratt, 1900a, 646, 647 (key), 658.—Roewer, 1906, 207, fig. 4.—St.-Remy, 1898, 522, 524-525.—Schuberg, 1895, 180.—Semper, 1872, 304.—Vayssiere, 1892, July 4, 64-65; 23 pp., 1 pl. (on *Astacoides madagascariensis*); 1894, 16 Mar., 389.—Wacke, 1902, 34 pp.; 1903, 12 May, in 1-116, pls. 1-9, figs. 1-75; 1903, Aug., 2481; 1903, 17 Oct., 17-18; 1904, 17 May, 281; 1905, July, 64.—Weber, 1889, 1-20, 3 pls.

1887: *Temnacephale* Cosmovici, 1887a, 127 (for *Temnocephala*).

1888: *Temuocephala* Mont., 1888a, 50 (for *Temnocephala*).

1889: *Temoncephala* Mont., 1889, 107, misprint.

*aurantiaca* Haswell, 1900, 431, 433, pl. 22, fig. 3 (in *Astacopsis* sp.).

*axenos* Mont., 1898, —; 1899, 83, 84, 101, 102, 103, 104, 112, 114, 120, pl. 3, figs. 9, 10 (host not known; Brazil).—Cerf., 1899a, 448.

*bifasciata* Haswell.—Mont., 1889, 2.

*brevicornis* Mont., 1889, 1-4, figs. 1-3 (in *Hydromedusa maximiliani*, *Hydraspis radiolata*; Brazil (syn. *Pentadion emyduum* Kroyer MS.)); 1892, 110; 1893, 8, 114; 1899, 72-127, 2 pls.; 1899, 72-122, pl. 3, figs. 1-8, 11-18, pl. 4, figs. 19-33 (in *Hydraspis gibba*; Brazil; *Hydromedusa maximiliani*, H. *tectifera*); 1903, 2.—Brand., 1891d, 21, 24, 25.—Braun, 1890a, 525, 547, 552.—Cerf., 1899a, 448.—Haswell, 1892d, 361; 1893e, 94, 103, 104, 105, 112, 141 (in *Hydrom. maxim.*, Brazil; *Hydropsis radiolata*); 1900, 433, 434.—St.-Remy, 1898, 528.

*cæca* Haswell, 1900b, 432, 433, pl. 22, fig. 4 (in *Phreatoicopsis* n. sp.; Victoria).

*chilensis* (Moquin-Tandon) E. Bl., 1849, 51-52, pl. 2, fig. 6 ("en las branquias de los cangrejos de Chile").—Braun, 1890a, 499, 525, 547, 549; 1891d, 421.—Cerf., 1899a, 448.—Haswell, 1887a, 279, 284 (of Gay); 1893e, 96, 131, 140 (in *Æglea*; Chile).—Mason, 1875a, 336-337.—Mont., 1888a, 88 (of Blainv.); 1889, 2; 1889g, 125-133, figs. 1-13; 1889r, 9 pp., 13 figs.; 1891, 1892, 128, 129; 1890a, 500-501; 1891g, 44-45; 1892, Oct. 7, 186; 1893, 114; 1899, 72, 73, 76, 78, 79, 80, 81, 83, 84, 85, 93, 101, 102, 107, 108, 109, 111-113 (*chilensis*), 114, 120 (in *Æglea laevis*; Chile) (of Moquin-Tandon); 1899, 125-133, figs. 1-13; 1899, 9 pp.; 1903, 2.—Philippi, 1870, 35-40.—Plate, 1894, 686-687; —, 529-531; 1897, 213.—St.-Remy, 1898, 525.—Wacke, 1903, May 12, in 1-116, 9 pls., 14 figs.; 1903, 17 Oct., 17-18; 1905, July, 64.—Wood, 1875, 336-337.

*chilensis* Mont., 1899, 113, for *chilensis*.

*comes* Haswell, 1893e, 96, 98, 100, 123, 134, 138, pl. 13, figs. 15, 16 (in *Astacopsis serratus*); 1900, 433.—Mont., 1899, 83, 110, 114, 121 (in *Ast. serr.*; Australia, N. S. Wales).—St.-Remy, 1898, 525.

*dendyi* Haswell, 1893e, 96, 97, 98, 99, 100, 102, 105, 111, 115, 116, 122, 123, 124, 125, 126, 130, 135-136, 144, pl. 10, figs. 8, 12, 17, 18, pl. 11, figs. 5, 6, pl. 12, figs. 7, 11, pl. 13, figs. 1-11 (in *Astacopsis bicarinatus*); 1900, 433.—Mont., 1899, 83, 84, 93, 110, 114, 121 (in *Ast. bic.*; Australia, N. S. Wales, Victoria).—St.-Remy, 1898, 527.

*digitata* Mont., 1903a, 309 (in *Palemonetes argentinus*); 1903, 3; 1905g, July, 64.



## TEMNOCEPHALA—Continued.

*engei* Haswell, 1893c, 97, 124, 139-140, pl. 13, fig. 20 (in *Engæus fossor*; Gippeland).—Mont., 1899, 83, 114, 121 (in *Engæus fossor*; Australia, Gippeland) (*engei*).—St.-Remy, 1898, 528.

*engei* Mont., 1899, 83, 114, 121 (for *engei*).

*fasciata* Haswell, 1887a, 284, 285, 293, 296, pl. 20, figs. 1, 2, pl. 21, figs. 1-7, 9-13, pl. 22, figs. 1-7, 11-18 (in *Astacopsis serratus*; N. S. Wales) (286, *fasciatus*); 1888a, 50 (in *Ast. serr.*; N. S. W.); 1892d, 361; 1893e, 96, 98, 99, 100, 102, 104, 106, 107, 109, 110, 111, 115, 118, 119, 121, 122, 123, 124, 126, 131, 133-134, 135, 136, 137, 138, pl. 10, figs. 1-3, 5, 6, 13, 14, 15, 16, pl. 11, fig. 2, 3, 4, 7, 8, 9, pl. 12, figs. 1, 3, 4, 5, 6, pl. 13, figs. 12-14, pl. 14, fig. 1 (*Asta. serr.*); 1900, 433, pl. 22, fig. 5.—Brand., 1891d, 24.—Braun, 1890a, 409, 422, 465, 525, 547, 549.—Mont., 1888a, 53, 88; 1891, 1892, 129; 1893, 114, 1899, 83, 92, 93, 97, 99, 102, 103, 110, 114, 120 (in *Ast. serr.*; Australia, N. S. Wales).—St.-Remy, 1898, 525, 527.

*fasciatus* Haswell, 1887a, 286, for *fasciata*.

*jheringii* Mont., 1899, 79, 83, 84, 85, 109, 111, 112, 114, 120 (for *jheringii*).

*jheringii* Haswell, 1893e, 96, 100, 102, 112, 113, 121, 130, 137-138, 140, pl. 13, fig. 19, pl. 15, fig. 2 (in *Ampullaria*; Brazil).—Cérif., 1899a, 448.—Mont., 1899, 79, 83, 84, 85, 109, 111, 112, 114, 120 (*jheringii*) (in *Ampullaria* sp.; Brazil).—St.-Remy, 1898, 527-528.

*madagascariensis* Vayssièr (1892), 64-65; 1894.—Braun, 1893b, 183.—Cérif., 1899a, 449.—Haswell, 1893e, 141 (in *Astacoides madagascariensis*).—Mont., 1899, 76, 79, 82, 83, 91, 93, 101, 103, 114, 115-116.—St.-Remy, 1898, 528-529 (on *Ast. mad.*; Madagascar).

*mexicana* Vayssièr, 1898, 227-235, 1 pl. (on *Cambarus digneti*); 1898, 17-25, pl. 11.—Cérif., 1899a, 448.—Mont., 1899, 79, 83, 85, 101, 103, 106, 114, 120 (in *Camb. dig.*; Mexico.—Pratt, 1900a, 655, 657, 658 (key), fig. 1.

*microdactyla* Mont., 1903b, 1-3; 1905b, Jan. 31, 22 (in *Dilocarcinus septemdentatus*; Matto Grosso).

*minor* Haswell, 1887a, 284, 285, 296, pl. 20, fig. 4, pl. 21, fig. 8, pl. 22, fig. 9 (in *Astacopsis bicarinatus*; N. S. W.); 1888a, 50 (in *Ast. bicar.*; N. S. W.); 1893e, 95, 96, 98, 99, 100, 101, 102, 109, 110, 116, 121, 123, 126, 131, 134, 135, 136, 137, 139, 141, 142, 144, pl. 12, figs. 2, 8, 9, pl. 15, fig. 1 (in *Asta. bicar.*); 1900, 433.—Braun, 1890a, 525, 547, 549.—Mont., 1888a, 53, 88; 1889, 3; 1899, 83, 93, 99, 101, 110, 114, 120 (in *Ast. bicar.*; Australia, N. S. Wales, Victoria).—St.-Remy, 1898, 526-527, 528, 529.

*novæ zelandiæ* Haswell, 1888a, 50, for *novæ zelandiæ*.

*novæ-zelandiæ* Haswell, 1887a, 284, 293, 296, 298, pl. 22, figs. 10, 19 (in *Paranephrops setosus*; New Zealand); 1888a, 50 (in *Para. setosus*; N. Zea.) (*novæ zelandiæ*); 1892a, 459; 1893e, 96, 97, 98, 99, 100, 109, 110, 115, 116, 121, 130, 131, 138-139, 145, pl. 10, figs. 4, 7, 11, pl. 11, fig. 1, pl. 13, figs. 17, 18, pl. 14, figs. 2, 3 (in *Para. neozealanicus*, *P. planifrons*; New Zealand); 1900, 433.—Braun, 1890a, 525, 547, 550.—Gamb., 1896a, 54, figs. 20, 21.—MacLaren, 1904, 582, 583, 596.—Mont., 1888a, 98; 1889, 3; 1899, 83, 86, 92, 101, 103, 105, 109, 110, 114, 121 (in *Para. novæ-zelandicus*, *P. setosus*; New Zealand).—St.-Remy, 1898, 526 (*novæ-zelandiæ*).—Wacke, 1903, 12 May, 1-116; 1903, 17 Oct., 17-18; 1905, July, 64.—Ziegler, 1905, 40, fig. 4 (after Wacke, 1903).

*quadricornis* Haswell, 1887a, 284, 296, pl. 20, fig. 3, pl. 22, fig. 8 (in *Astacopsis franklinii*; Tasmania); 1888a, 50 (in *Asta. frank.*; Tasmania); 1893e, 96, 98, 100, 101, 102, 109, 110, 120, 121, 124, 131, 136-137, pl. 12, fig. 10, pl. 14, fig. 4 (in *Asta. frank.*; Tasm.); 1900, 433.—Braun, 1890a, 409, 525, 547, 549.—Mont., 1888a, 10, 53, 88; 1889, 3; 1899, 83, 101, 114, 117, 120 (in *Asta. frank.*; Australia, Tasmania).—St.-Remy, 1898, 526.

*semperi* Weber, 1889, —.—Braun, 1890a, 461, 466, 499, 525, 547, 550; 1890b, 126; 1898a, 1567.—Cérif., 1899a, 449.—Haswell, 1892a, 458; 1893e, 96, 97, 98, 99, 102, 112, 113, 115, 119, 122, 123, 128, 129, 130, 131, 138, 140 (in *Philippines*); 1900, 433.—Mont., 1891, 1892, 129 (*semperi*); 1893, 114; 1899, 73, 76, 77, 78, 79, 82, 83, 87, 91, 96, 99, 102, 103, 107, 108, 109, 112, 114, 121 (in *Telphusa* sp.; Philippine, Sonda).—St.-Remy, 1898, 528.

*semperi* Mont., 1892, 129, for *semperi*.

*tasmanica* Haswell, 1900, 430-431, 433, pl. 22, figs. 1-2 (in *Astacopsis tasmanicus*).

*tumbesiana* Wacke, 1903, 12 May, 1-116; 1903, 17 Oct., 17-18; 1905, July, 64.

- TEMNOCEPHALÆ** Mont., 1888a, 19, 88, 96, for *Temnocephalæ*.
- TEMNOCEPHALÆ** Haswell, 1892a, 457-460; 1893b, 191; 1893e, 93-152 (monograph); 1893f, 153, 154, 155, 157; 1894b, 256; 1900, 430-435, 1 pl. (*Temnocephalæ*).—Braun, 1890a, 517, 520, 523, 524.—Cerf., 1894, 946, 948; 1898b, 361.—Mont., 1888a, 19, 88, 96 (*Temnocephalæ*), 7, 9, 10, 11, 13, 15, 16, 17, 18, 19, 20 (*Temnocephalæ*), 22, 23, 26, 27, 28, 29, 31, 34, 36, 41 (*Temnocephalæ*), 42, 47, 52, 55, 59, 64, 67, 86, 88, 98, 108, 110.
- TEMNOCEPHALIDÆ** Haswell, 1888.—Braun, 1890a, 524; 1893a, 889.—Gamb., 1896, 53-55, 73.—Mont., 1888a, 25, 27; 1892, Oct. 7, 213 (fam. of *Eterocotyle*; contains *Temnocephala*); 1899, 116-122.—Pratt, 1900a, 646 (*Temnocephalinae*, *Actinodactynellinae*) 647 (key).—St.-Remy, 1898, 522, 524.
- TEMNOCEPHALINÆ** Mont., 1899, 118, 119.—Pratt, 1900a, 646 (*Temnocephala*, *Craspedella*, *Dactylocephala*), 647 (key).
- TEMNOCEPHALOIDEA** Mont., 1905, 403.
- TEMNOCEPHOLEÆ** Mont., 1888a, 41 (for *Temnocephalæ*).
- TENMOCEPHALÆ** Mont., 1888a, 20 (for *Temnocephalæ*).
- TERES SEU CYLINDRICA** Göze, 1782a, 41, 169, 173-176 (a "Klasse" of *Planaria* Göze containing two "Gattungen": 1. Gattung, simpliciporo, der Entenplattwurm, Weideeulewurm; 2. Gattung, duplici poro, Iltis-Plattwurm, Dachs-Plattwurm).
- TERGESTIA** Stoss., 1899, 11, 16 (type probably *acanthocephala*).—Braun, 1901b, 34.—Looss, 1899b, 580.—Pratt, 1902a, 888, 898.
- acanthocephala* (Stoss., 1887) Stoss., 1899, 16 (in *Belone acus*).
- laticollis* (Rud., 1819) Stoss., 1899, 16 (in *Trachurus trachurus*).
- TESTUCARIA** Rud., 1805a, 44, for *Festucaria*.
- TETRACOTILE** Erc., 1881e, 48-54; 1882a, 284-290, for *Tetracotyle*.
- TETRACOTYLE** Fil. [1854a, 23 (*tétracotyle*);] 1855, 351; [tld. *typica*]; 1855b, 11; 1857c, 15-21, 32, pl. 2, figs. 24-31.—Brand., 1888a, 13, 14, 15, 41, 51, 52; 1890a, 571, 574, 575, 577, 578; 1892, 511.—Braun, 1892a, 658, 744, 792, 793, 794, 795; 1893a, 843, 844; 1893b, 187; 1894, 166; 1894k, 680, 681, 682; 1895b, 132, 136; 1900a, 1680.—Claparède, 1858a, 99-105, pl. 8; 1859c, 92-96.—Dies., 1855a, 381, 388; 1858e, 313, 365 (mentions only 1 form, *typica*), 366.—Erc., 1881e, 48-54; 1882a, 284-290 (*Tetracotyle*).—Gamb., 1896a, 64.—Hausmann, 1897b, 4, 7, 20, 22, 36, pl. 1, figs. 9-10 (sp. in *Cobitis barbatula*).—Hoyle, 1890, 539 (larva of *Holost.*).—Jackson, 1888, 652 (non-sexual form of *Holost.*), 653, 654.—Luehe, 1899, 525.—Mont., 1888a, 71, 91, 92, 94; 1891, 110.—Moul., 1856a, 94, 151, 224-225, 234, 274, pl. 5, fig. 1, pl. 7, fig. 19.—Pag., 1857, 53; 1857, 1, 245-246.—Stiles, 1901, 173, 174.—Tasch., 1878, 248 (of Grube, syn. *Pleurocotyle* Gerv. & Ben.).—Villot, 1898, 542.
- acerinæ cernuæ* Claparède (1857).—Dies., 1858e, 367 (syn. of *T. echinata*) (in *Leuciscus idus*, *Acerina cernua*).
- colubri* Linst., 1877, 192, pl. 14, fig. 22 (in *Coluber natrix*, *Vipera berus*).—Brand., 1888a, 42, 44, 45, 54; 1890a, 572, 574, 581.—Braun, 1892a, 793, 796; 1893a, 870, 901; 1894, 166-167; 1894k, 682.—Muehl., 1898, 16.—Sons., 1893, 185 (in *Tropidonotus natrix* Wagl.).—Villot, 1898, 542 (larva of *Holost. variabile* Nitzsch).—Reported also for *Pelias berus*.
- crystallina* Sons., 1893, 188, for *crystallina*.
- crystallina* (Rud., 1819) Linst., 1877b, 194-197; 1878a (*Dist. crystallinum* Rud., 1819, ex parte).—Braun, 1892a, 796; 1893a, 871.—Sons., 1893, 188 (*crystallina*) (in *Rana temporaria*).
- cuticola* (Nord., 1832) Kowal., 1902d, 23 (5) (in *Scardinius erythrophthalmus*); 1904, 25 (10).
- cyprini* idi Moul., 1856, 233.—Dies., 1858e, 366 (syn. of *T. typica*).
- echinata* Dies., 1858e, 367 (new name for *Distoma cyprini idi* (peritonei), see Duj.; and *T. acerinæ cernuæ* Claparède; in *Leuciscus idus*; Remi; *Acerina cernua*; Geneva).—Braun, 1892a, 796.—Reported also for *Idus melanotus*.
- fætorii* Linst., 1876, 1-2, fig. 2 (in *Fætorius putorius*).—Braun, 1892a, 796.
- lenticola* (Linst., 1878) Braun, 1892a, 600.
- lymnæi* Pag., 1857, 32-33, pl. 3, figs. 15-18 (t. h. *Lymnæus stagnalis*).—Dies., 1858e, 366 (syn. of *T. typica*).
- musculicola* (Waldenberg, 1860) Braun, 1894, 167.

## TETRACOTYLE—Continued.

- ovata* Linst., 1877b, 192–193, pl. 14, fig. 24.—Braun, 1892a, 600, 797; 1894, 166, 167; 1894k, 681, larva of *Holost. variegatum*, 682.—Mueh., 1898, 16.—Villot, 1898, 542 (larva of *Holost. variegatum*).—Reported for *Abramis brama*, *Acerina cernua*, *Blicca bjoerkna*.
- percæ* Mont., 1888a, 7, 30.
- percæ fluviatilis* Moul., 1856, 230–234, pl. 7, figs. 11–14.—Braun, 1892a, 600, 796; 1893a, 870.—Linst., 1877b, 192, pl. 14, fig. 23.—Dies., 1858c, 366 (syn. of *T. typica*).—Piana, 1898, 10 pp.
- petromyzontis* Brown, 1899a, 489–498, pl. 39, figs. 1–11 (in *Ammocetes*).
- scombri* Grube, 1855a, 140, for ? *Octobothrium scombri* Nord. of Grube, 1855a (on *Scomber scomber*).—Tasch., 1878, 575 (to *Pleurocotyle*); 1879, 248.
- soricis* Linst., 1877b, 191 (in *Sorex vulgaris*).—Braun, 1892a, 797.—Reported for *Sorex tetragonurus*.
- typica* Dies., 1858c, 366–367 (new name for *Dist. tarda*, *Tetracotyle* Fil., *T. cyprini* idi, *T. percæ fluviatilis*, *T. lymnæi*) (reported for *Mollusca*; in *sporotheris* *Cercariæ echinatae* (*Lymnæi stagnalis*), *C. armatæ*, *C. echinatoidis* (*Paludinae achatinae et viviparæ*), *C. vesiculosæ*, *Malleoli furcati*, *Lymnæus stagnalis*, *Planorbis corneus*, *Paludina vivipara*, *Perca fluviatilis*, *Leuciscus idus*, *L. dobula*, *Cyprinus carpio*, *Anas boschas fera*).—Brand., 1888a, 17, 42; 1890a, 571.—Braun, 1892a, 797; 1893a, 844; 1894, 166.—Kowal., 1894, 2.—Leidy, 1891a, 416 (in *Lymnæa catascopium*, *Physa heterostropha*).—Linst., 1877, 193; 1894b, 328–332, figs. 1–8.—Mont., 1888a, 71.—Par., 1894, 166.—Reported also for *Idus melanotus*.

TETRACOTYLIDÆ Mont., 1892, 107, 108.—Braun, 1895b, 174.

TETRACOTYLINÆ Mont., 1892, 107.

TETRAONCHINÆ Mont., 1903, 336 (raised from subf. to fam. rank); 1905, 80.

TETRAONCHUS Dies., 1858e, 314, 379–380 (type probably monenteron by elimination; agrees with first species rule).—Ben. & Hesse, 1864, 121.—Braun, 1889k, 622; 1890a, 412, 413, 417, 465, 468, 511, 517, 518, 523, 542, 544; 1893a, 890.—Gamb., 1896a, 73.—Goto, 1893a, 798.—Hoyle, 1890, 539.—MacLaren, 1904, 574, 598, 599, 600, 601.—Mont., 1888a, 10, 13, 84, 86, 101; 1889, 113–116; 1891, 127–129; 1892, Oct. 7, 213 (gen. of *Gyrodactylinæ*); 1903, 336 (syns.: *Ancyrocephalus*, *Amphibdella*, *Dactylodiscus*; subf. *Gyrodactylinæ*); 1905, 79, 80.—Pratt, 1900, 646, 654 (key to), 657, fig. 46.—St.-Remy, 1898, 524, 567.—Stoss., 1898, 17.—Tasch., 1879, 69; 1879, 263 (syns.: *Dactylogyrus* Wagener, *Gyrodactylus* Wedl).

*benedeni* St.-Remy, 1898, 566, 567, for *van benedenii*.

*borealis* (Olss., 1893) Mont., 1905, 79.

*cruciatus* (Wedl, 1857) Dies., 1858e, 381 (in *Cobitis fossilis*).—Braun, 1890a, 545, 549, 550.—Linst., 1878a.—Mont., 1889, 115, 116 (in *Cob. foss.*).—Pavesi, 1881, 616.—Tasch., 1879, 264 (syn. *Gyrodactylus cruciatus* Wedl) (in *Cob. foss.*).

*monenteron* (Wagener, 1857) Dies., 1858e, 380 (in *Esox lucius*).—Braun, 1890a, 520, 545, 549, 550.—Mont., 1889, 115, 116 (in *E. luc.*).—Olss., 1893, 7.—Par. & Per., 1890, 9.—Pratt, 1900a, 657, fig. 46.—Tasch., 1879, 263 (syns.: *Dactylogyrus* mon. Wagener, *Gyrodactylus cochlea* Wedl) (in *E. luc.*).

*torpedinis* (Chatin, 1874) Mont., 1890, 193; 1891, 1892, 109, 111; 1905, 79.

*unguiculatus* Mont., 1888a, 90 to (*Dactylogyrus*), for *unguiculatus*.

*unguiculatus* (Wagener, 1857) Dies., 1858e, 380–381 (in *Perca fluviatilis*, *Lucioperca sandra*).—Braun, 1890a, 545, 549, 551.—Hausmann, 1897b, 4, 7, 20, 23 (in *Luciop. sand.*).—Linst., 1878a.—Mont., 1888a, 90 (*unguiculatus*) to (*Dactylogyrus*); 1889, 113, 114, 115, 116 (syn. *Ancyrocephalus paradoxus* Crep.) (in *Luc. san.*, *Perc. fluvi.*); 1891, 1892, 109, 127, 129, pl. 6, figs. 40, 41.—Staff., 1905, 687 (in *Eupomotis gibbosus*; *Ambloplites rupestris*).—Tasch., 1879, 238, to (*Dactylogyrus*); 1879, 263–264 (syns.: *Dact. ung.*, *Gyrodactylus crassiusculus*, *Ancyrocephalus paradoxus*) (in *Perca fluvi.*, *Luc. sandra*).

*van benedenii* Par. & Per., 1890, 4, 12, 96–97 (8–9) (in *Mugil auratus*).—Braun, 1890a, 545, 549, 551.—Mont., 1905, 79.—Par., 1896, 2 (*v. benedeni*).—St.-Remy, 1898, 566, 567 (*benedeni*).—Stoss., 1898, 17 (in *Mugil auratus*; *Triest*).

**TETRASTOMA** delle Chiaje, 1833, 13 (type renale).—Andral, 1829d, 617.—Braun, 1893a, 884, 891, 892, 894; 1900a, 1681.—Burm., 1856a, 251.—Crep., 1841, 82.—Dav., 1877a, lxxx.—Dies., 1850a, 408, 597 (of Forbes & Goodsir, syn. of *Scolex Muelleri*); 1858e, 314, 367.—Goldb., 1855, 17.—Mont., 1888a, 89.

1850: *Tetrastomum* Dies., 1850a, 408, for *Tetrastoma*.

*playfairii* Forbes & Goodsir, (1839); 1840, 370; 1842, 370; 1846, 160.—Dies., 1850a, 599 (syn. of *Scolex aculepharum* Sars).—Mont., 1888a, 94.

*renale* delle Chiaje, 1833, 13, 116–117, pl. 2, fig. 13 (in *Homo*; *Naples*).—Aitken, 1866, 804, 841; 1872, 146, 206; 1874, 58.—Almeida Couto, 1872, 26.—R. Bl., 1888a, 597.—de Bonis, 1882, 180.—Braun, 1895b, 155.—Cobbold, 1866, 7; 1876, 211; 1879b, 36.—Crep., 1841, 82; 1846, 129.—Dav., 1877a, 296–297.—Dies., 1850a, 408 (in *Homo*; *Naples*); 1858e, 367.—Dunghlison, 1893, 821, 1084.—Hackley, 1886, 519.—Kholodk., 1898, 26.—Leuck., 1863a, 527.—Moniez, 1896, 86, 152, 154.—Mont., 1888a, 89.—Tasch., 1879, 250.—Verrill, 1870, 171.—Weinland, 1859, 282.

**TETRATHYRUS** Crep., 1851b, 292 (m. *obesus*), *Dithyridium* and *Piestocystis* renamed.—See *Cestoda*.

1860: *Petrathyrus* Cobbold, 1860a, 42, misprint.

*obesus* Crep., 1851b, 292 (syns.: *Dithyridium lacertæ*, *Monost. lacertæ*, *Piestocystis dithyridium*) (in *Lacerta agilis*).—Dies., 1858e, 329 (syn. of *Monost. lacertæ* Gurlt, est *Piestocystis dithyridium*).

**THAUMATOCOTYLE** Scott, 1904, 278–279 (m. *concinna*).

*concinna* T. Scott, 1904, 278–279, pl. 17, fig. 15 (in *Trygon pastinaca*; Dornoch Firth); 1905, 118.

**THECOSOMA** Moq.-Tandon, 1860a, 342 (type *hæmatobium*) (= *Schistosoma* 1858, renamed because of *schistosoma*, a term in teratology).—Braun, 1903, 3 ed., 168 (syn. of *Schistosomum*).—Cobbold, 1879b, 39; 1885a, 498 (syn. of *Bilharzia*).—Huber, 1896a, 580 (syn. of *Bilharzia*).—Leuck., 1863a, 617.—Montgomery, 1906, Jan., 18 (*Thexosoma*); 1906, Feb. 12.—Simon, 1897, 99.—Stiles & Hass., 1898a, 94, 95 (syn. of *Schistosoma*).—See *Schistosoma*.

1906: *Thexosoma* Montgomery, 1906, Jan., 18, for *Thecosoma*.

*hæmatobium* (Bilharz, 1852) Moq.-Tandon, 1860a, 342.—R. Bl., 1888a, 636 (syn. *Bilharzia hæm.*).—Stiles, 1898a, 58.—Ward, 1895, 253 (to *Gynæcophorus*; *hæmatomium*, misprint); 1895, 328 (in *Homo*); 1903, 872 (syn. *Schistosoma hæm.*).

**THEXOSOMA** Montgomery, 1906, Jan., 18, misprint for *Thecosoma*.

**TISTOMUM** Tasch., 1879, 65 (for *Tristomum*).

**TOCOTREMA** Looss, 1899b, 585, 586, 619 (tod. *lingua*) (ὁ τόκος, birth; τὸ τρήμα, hole, sucker); 1900, 608; 1902m, 833, 835.—Braun, 1901i, 56.—Jägers., 1900, 736; 1901, 981; 1903a, 13, 14.—Luehe, 1900, 557.—Odh., 1900, 21, 22.

*concaum* (Crep., 1825) Looss, 1899b, 586.—Jägers., 1903a, 3, 4, 5, 11, 13.—Kowal., 1902d, 26 (8).—Type of *Cryptocotyle* 1899.

*expansum* (Crep., 1842) Jägers., 1901b, 979–983, 1 fig.; 1902a, 356–357; 1903a, 1.—Looss, 1902m, 706.—Odh., 1902, 45.—Type of *Scaphanocephalus* 1903.

*jejenum* Nicoll, 1907, 248, 257–259 (in *Totanus calidris*).

*lingua* (Crep., 1825) Looss, 1899b, 586.—Jägers., 1900, 736; 1901, 979, 981; 1903a, 2, 3, 4, 5, 6, 8, 9, 10, 11, 13.—Kowal., 1902d, 27 (9).—Nicoll, 1906, 514, 519 (in *Larus argentatus*).—Odh., 1902, 45.

*muehlingi* (Jägers., 1898) Looss, 1899b, 585.

**TOCOTREMINÆ** Jägers., 1903a, 14.

**TRACHOPUS** Ben., 1858a, 1861a, 11, for *Trochopus*.

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- 1826: *Tristomum* Nitzsch., 1826, 150, for *Tristoma*.
- 1879: *Tristomum* Tasch., 1879, 65, misprint.
- 1888: *Tristomun* Mont., 1888a, 28, misprint.
- 1899: *Tristomum* Setti, 1899, 84, misprint.
- aculeatum* Couch, —.—St.-Remy, 1898, 535 (= *T. molæ*).—Setti, 1898, 311 (syn. of *rudolphianum*).—Tasch., 1878, 570.
- biparasiticum* Goto, 1894a, 251-253 (in *Parapetalus*, *Thynnus albacora*; Misaki, Japan); 1899, 272.—Mont., 1899, 86, 89.—Setti, 1898, 311; 1899, 80; 1899, 124.—St.-Remy, 1898, 539.
- blanchardi* Tasch., 1878, 567, for *blanchardii*.
- blanchardii* Dies., 1850a, 430 (in *Squalus* sp.; New Zealand) (*T. squali* Bl., renamed).—Mont., 1891, 1892, 101, 103, 123.—Setti, 1898, 311 (*blanchardi*).—Tasch., 1878, 564, 567 (*blanchardi*).
- cephalo* Risso, 1826, 262-263 (t. h. *Tetraodon luna*; Europe).—Dies., 1850a, 431.—Kroyer, 1852-53a, 745 (*cephalo*) (in *Orthogoriscus mola*).—Linst., 1878a.—Setti, 1898, 311.—St.-Remy, 1898, 535 (= *T. molæ*).—Tasch., 1878, 564 (*cephalo*).



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- cephalo* Kroyer, 1852-53a, 745.—Tasch., 1878, 504.—For *cephala*.
- coccineum* Cuvier, 1817, 42-43, pl. 15, fig. 10, pl. 36 bis, figs. 1-3 (in *la mole, le xiphias*, etc.).—Bell, 1891a, 534, 535.—Ben., 1858a, 1861a, 37, 189.—Ben. & Hesse, 1864, 61, 76, 77 (coccinea).—Blainv., 1828a, 569 (to *Capsala*).—F. Bl., 1847, 322-325, pl. 14, fig. 2.—Braun, 1890a, 407, 420, 427, 458, 459, 487, 529, 547, 552; 1891d, 422.—Bremser, 1824, 134; 1824c, pl. 10, figs. 12-13.—Burm., 1837a, 530.—Costa, 1846a, 54.—Crep., 1837, 323; 1839, 289.—Dies., 1836a, 11-12, pl. 1, figs. 1-13; 1850a, 429 (of Cuv., includes *T. coccineum* of Cuv., Guérin, Gray, Costa, 1846, Bl.; *Capsala coccinea* Blainv., Moquin-Tandon; *T. integrum* Dies.) (on *Xiphias gladius*); 1850a, 429 (of Rud., 1819a, 123, 427, pl. 1, figs. 7-8, renamed *T. rudolphianum*; includes also *T. coccineum* of Brem., Nitzsch, Dies., Duj., Yarrell, Cuv., pl. 36 bis, figs. 2-3; *Phylline coccinea* Schweigger, *Capsala coccinea* Blainv., Nord.; *Trist. molæ* Bl.) (in *Orthogoriscus mola*).—Duj., 1845a, 322-323.—Goto, 1899, 272.—Gray, —, pl. 9, fig. 10.—Johnston, 1865a, 33.—Juel, 1889, 37.—Kerbert, 1881a, 533.—Kœlliker, 1849, 21, 26.—Kroyer, 1838-40a, 597 (in *Xiphias gladius*).—Lang, 1880.—Leuck., 1863a, 450, 455.—Looss, 1885b, 5, 10.—Linst., 1903, 279.—Lint., 1898, 509-510, pl. 40, fig. 9; 1900, 278; 1901, 414, 448.—Lœnnberg, 1891, 76.—Mont., 1888a, 13, 28, 52; 1891, 1892, 101, 102, 103, 110, 113, 114, 116, 123, 124; 1893, 4-5.—Nitzsch, 1826, 150.—Nord., 1840, 602 (syn. of *Capsala sanguinea*).—Par., 1887.—Par. & Per., 1889; 1890, 5.—Pratt, 1900, 655, fig. 9; 657, 658.—Risso, 1826, 262.—Rud., 1819a, 123, 428-430.—St.-Remy, 1898, 534, 536, 538.—Scott, T., 1901, 144.—Setti, 1898, 311, 313; 1899, 71, 72, 73, 74, 75, 76, 77, 78, 83; 1899, 124.—Sons., 1890, 173 (in *Xiphias gladius*, *Tetrapturus belone*, *Orthogoriscus mola*; Sicilia, Nizza, Napoli).—Staff., 1904, May 3, 482 (on *Xiphias gladius*; Canada).—Stoss., 1898, 5.—Tasch., 1878, 564, 567, 569, 570, 571, 572 (syn. *Capsala coccinea*) (in *Orthag. mola*, *Xiphias gladius*); 1878, 176; 1879, 59.—Wagener, 1857, 72.—Yarrell, —, 468.—Ziegler, 1883, 545.
- cornutum* Verrill, 1875, 40, on *Tetrapturus albidus*; Block Island.—Pratt, 1900, 658.—St.-Remy, 1898, 536 (on Tet. alb.; North America).—Setti, 1898, 311, 312; 1899, 125.
- elegans* (Baer, 1826) Ben. & Hesse, 1864, 64, 77, of the sturgeon.
- elongatum* Nitzsch, 1826, 150-151 (on Stör).—Ben., 1858a, 1861a, 20.—Ben. & Hesse, 1864, 67 (syn. of *Nitzschia elegans*); 1864, 70.—Braun, 1889, 758; 1889h, 19 Aug., 433-434; 1889k, 621, 622 (syn. *Nitzschia elegans* Baer).—Crep., 1846, 149.—Dies., 1835, 12-14; 1836a, 12; 1850a, 426 (syn. of *Nitzschia elegans*).—Duj., 1845a, 323.—Kœlliker, 1849, 21.—Nord., 1840, 602 (to *Capsala*).—Tasch., 1878, 563, 564, 567-568 (in *Accipenser sturio*); 1879, 56.—Reported also for *Accipenser guldenstaedtii*.
- excavatum* Nord. in Dies., 1850a, 428 (syn. of *Encotyllabe nordmanni*).
- foliaceum* Goto, 1894a, 248 (host unknown).—Mont., 1899, 86.—St.-Remy, 1898, 538.—Setti, 1898, 311, 313; 1899, 119, 124; 1899, 79, 80.
- hamatum* Rathke, 1843, 238-242, pl. 12, figs. 9-11 (syns. *Hirudo hippoglossi* Mueller, *Phylline hippoglossi* Oken, *Ertopdella hippoglossi* Blainv.; in *Pleuronectes hippoglossus*: Europe).—Ben., 1858a, 1861a, 19, 21 (syn. of *Epibdella hippoglossii*).—Ben. & Hesse, 1864, 68, 69 (syn. of *Epibdella*).—Dies., 1850a, 427 (syn. of *Phylline hippoglossi*).—Johnston, 1865a, 32.—Kœlliker, 1849, 21.—Odhn., 1905, 370 (syn. of *Epibd. hipp.*).—Tasch., 1879, 568 (syn. of *T. hippoglossi*).—Reported for *Pleuronectes hippoglossus*.
- hippoglossi* Oken, see Tasch., 1878, 568; 1879, 59, to (*Epibdella*).
- histiophori* Bell, 1891a, 534-535 (in *Histiophorus brevirostris*).—Goto, 1894a, 238; 1899a, 271 (syn. of *T. leve* Verrill).—Mont., 1899, 86.—St.-Remy, 1898, 535 (=T. leve).—Setti, 1898, 311, 312, 313; 1899, 79, 83.
- integrum* Dies., 1850a, 429, MS. (syn. of *T. coccineum*).—Setti, 1898, 311.
- interruptum* Mont., 1891, 1892g, 101, 105, 116, 122, 123, pl. 12, figs. 17-19 (in *Thynnus brachypterus*; Naples?); 1899, 86, 97.—Braun, 1891d, 422.—Goto, 1894a, 238.—St.-Remy, 1898, 535.—Setti, 1898, 311, 312; 1899, 117-119, 124, fig. 1; 1899, 80, 81, 84.—Reported also for *Thynnus thynnus*.
- leve* Verrill, 1875, 40, in *Tetrapturus albidus*; Block Island.—Goto, 1899a, 271-273 (leve, syns. *histiophori* and *ovale*), pl. 20, figs. 10-12.—Linst., 1906, 176 (=T. ovale Goto).—Lint., 1898, 509, pl. 40, figs. 7-8; 1901, 414, 445.—Mont., 1899, 86; 1899, 108.—Pratt, 1900, 658.—St.-Remy, 1898, 535-536, 539 (on Tet. alb.; North America).—Setti, 1898, 311; 1899, 79, 83; 1899, 124.—Reported for *Gymnosarda pelamys*, *Tetrapturus albidus*, *Histiophorus orientalis*, *Cymbrium* sp.

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*læve* var. *armata* Goto, 1899a, 273 (læve of Verrill, and histiophori of Bell).

*læve* var. *inermis* Goto, 1899a, 273 (T. ovale renamed).

*læve* Goto, 1899a, 291, for læve.

*levinseni* Setti, 1898, 311, 312; 1899, 120–121, 124, fig. 2, for levinsenii.

*levinsenii* Mont., 1891, 101, 122, 123, pl. 6, fig. 21 (in *Thynnus* sp.).—Braun, 1891d, 422.—Goto, 1894a, 238.—Setti, 1898, 311, 312; 1899, 120–121, 124, fig. 2 (levinseni).

*maculatum* Rud., 1819a, 123, 430–431, pl. 1, figs. 9–10 (includes *Capsala martinieri* Bosc, *Phylline diodontis* Oken) (in *Diodon*).—Ben. & Hesse, 1864, 76.—Braun, 1890a, 529, 547, 550 (in *Diodon* sp.; California).—Dies., 1835, 10–11; 1836a, 10; 1850a, 430 (syns. *Caps. mart.*, *Phylline diodontis*, *Caps. maculata*).—Duj., 1845a, 322.—Eichwald, 1829a, 249.—Mont., 1891, 101, 103, 123.—Nitzsch, 1826, 150.—Nord., 1840, 602 (to Cape).—Odhn., 1905, 371.—Pratt, 1900, 658.—Setti, 1898, 311; 1899, 84; 1899, 125.—Tasch., 1878, 564, 567 (in *Diodon*).

*megacotyle* Linst., 1906, 176, pl. 1, figs. 19–20 (in *Histiophorus* sp.; Beruwala).

*mola* Bl., E. 1847a, 326–327 (t. h. *Orthagoriscus mola*).—Ben. & Hesse, 1864, 66, 76, 77–79.—Bettend., 1897a, 34, 35; 1897, 338, 339.—Brand., 1898a, (12, 14, 18), 204, 206, 210.—Braun, 1883a, 43; 1889k, 621; 1890a, 419, 423, 424, 425, 427, 428, 429, 431, 432, 445, 449, 450, 451, 455, 456, 458, 460, 465, 483, 512, 529, 547, 551 (in *Orthag. mola*; Atlantic Ocean (England), Mittelmeer (Nizza, Naples, Palermo, Trieste)); 1892a, 617.—Cerf., 1898b, 345.—Dies., 1850a, 429 (of Bl., syn. of *T. rudolphianum*).—Fischer, 1883a, 22.—Goto, 1891a, 161; 1899, 272.—Haawell, 1892a, 459; 1893e, 121, 144, 145.—Heath, 1902, 127, 128, 131, 132.—Hoyle, 1890, 537.—Jackson, 1888, 644, 650.—Johnston, 1865a, 33.—Kath., 1894a, 138.—Knoch, 1894, 5, 11, 17.—Lint., 1901, 408, 414, 466.—Lennberg, 1891, 76.—Looss, 1885b, 12; 1894a, 146, 154.—Maclaren, 1904, 585, 589, 590, 608.—Mont., 1888a, 28 (*Tristomun*); 1888a, 7, 10, 13, 16, 17, 19, 23, 28, 29, 33, 50, 51, 52; 1890, 418; 1891, 101, 104, 107, 116, 118, 119, 120, 122, 123, pl. 5, fig. 4; 1892, Oct. 7, 172; 1893, 5–7; 1893, 77; 1899, 97, 98.—Par. & Perugia, 1889, 741, fig. 2 (in *Mola aspera*); 1890, 741, fig. 2 (in *Mola aspera*); 1890, 5.—Par., 1894, 549, 677, 680.—Poir., 1885, 138, 139, 147.—Pratt, 1900a, 658.—St.-Remy, 1898, 534, 535, 537.—Scott, 1901, 144 (in *Orthagoriscus mola*; W. coast Scotland); 1905, 118 (in Scott, 1901, pl. 8).—Setti, 1898, 309, 311; 1899, 124; 1899, 80, 81, 83.—Sons., 1890, 173 (in *Orthag. mola*); 1891, 265.—Staff., 1904, May 3, 482 (on *Mola mola*; Canada).—Stoes., 1891, 111; 1896, 191; 1898, 5–6.—Tasch., 1878, 564, 567; 1879, 232–265; 1880, 12 Jan., 17–18.

*nordmanni* (Dies., 1850) Tasch., 1878, 568 (syn. *Encotyllabe nordmanni*).

*nozawai* Goto, 1894a, 249–251 (in *Thynnus sibi*; Osatsube (Hokkaido)).—Mont., 1899, 86.—Setti, 1898, 311; 1899, 80, 84 (nozawai); 1899, 122, 123, 124.—St.-Remy, 1898, 538–539 (nozawai).

*nozawai* St.-Remy, 1898, 538, for nozawæ.

*onchidiocotyle* Setti, 1899, 121–123, fig. 3 (in “tonno” at Portoferraio).—Par., 1899, 3; 1902, 3 (in *Thynnus thynnus*; Elba).

*ovale* Goto, 1894a, 241–244 (in *Histiophorus orientalis*, H. sp.; Misaki); 1899a, 271 (syn. of T. læve).—Mont., 1899, 86; 1899, 108.—St.-Remy, 1898, 535 (=T. læve).—Setti, 1898, 311; 1899, 79, 83.

*ovata* (Goto, 1894) Heath, 1902a, 132, apparently for *Epibdella ovata*.

*pagelli* (Ben. & Hesse, 1863) Tasch., 1878, 569 (syn. *Encotyllabe pagelli*).

*papillatum* Ben., 1858a, 1861a, 38 (refers to Kœlliker, 1849, 21, pl. 2).—Mont., 1893, 12.

*papillorum* Juel, 1889, 14, misprint.

*papillosum* Dies., 1836a, 313–316, pl. 17, figs. 13–16 (t. h. *Xiphias gladius*); 1850a, 430–431 (syn. *Capsala papillosum*) (in *Orthagoriscus mola*; Naples, *Tetrapturus belone*, Messina; *Xiphias gladius*; Panormi).—Ben., 1858a, 1861a, 169, 175, 176.—Ben. & Hesse, 1864, 66, 77.—Brand., 1891d, 14, 20.—Braun, 1883a, 45; 1889k, 621, 622; 1890a, 409, 419, 420, 424, 427, 430, 437, 438, 441, 444, 445, 456, 458, 487, 529, 547, 552; 1890b, 125; 1891d, 422; 1893b, 177.—Crety, 1893a, 384.—Duj., 1845a, 323.—Goto, 1894a, 237.—Grube., —. 49.—Juel, 1889, 37.—Kœlliker, 1846, 469; 1847a, 469; 1849b, 21–27, pl. 2, figs. 1–4 (anatomy).—Kerbert, 1881a, 533.—Kroyer, 1852–53a, 745 (in *Orthag. mola*).—Linst., 1903, 280.—Looss, 1885b, 5, 10.—Mont., 1888a, 7, 16; 1889, 118; 1891,

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- 99, 101, 102, 103, 105, 110, 113, 114, 116, 119, 123, 124, pl. 5, figs. 1-3; 1893, 79.—Nord., 1840, 602 (to Capsala).—Par., 1889, 2-3; 1894, 543, 680, 698; 1902, 2 (in *Xiphias gladius*; Elba).—Par. & Per., 1890, 5.—Scott, T., 1901, 144.—Setti, 1898, 311, 312; 1899, 71, 72, 73, 74, 75, 76, 77, 83; 1899, 124.—Shipley, 1898, 354.—Sons., 1890, 173; 1891, 265 (in *Orthag. mola*).—Stoss., 1885, 162; 1898, 6.—Tasch., 1878, 701; 1878, 564, 567, 569, 570, 572 (syn. Caps. pap.); 1878, 176; 1879, 57, 59.—Wagener, 1857, 72.—Ziegler, 1883, 545.—Reported also for *Carcharias glaucus*.
- pelamydis* Tasch., 1878, 176; 1878, 569, 570 (in *Pelamys sarda*; Naples).—Braun, 1890a, 418, 487, 494, 497, 499, 519, 529, 547, 551.—Mont., 1888a, 86, 87; 1889, 117; 1891, 101, 105, 116, 123, pl. 6, fig. 20; 1899, 97.—Par., 1894, 680; 1902, 2 (in *P. sarda*; Elba).—Par. & Per., 1890, 5.—Setti, 1898, 311; 1899, 80, 81, 82; 1899, 124.—Sons., 1890, 173 (in *P. sarda*; Pisa).—Stoss., 1898, 6.
- perugiai* Setti, 1898, 7 pp., 1 fig. (on *Tetrapturus belone* Raf.; Spezia); 1898, 308-313, 1 fig.; 1899, 77, 79; 1899, 124.—Mont., 1899, 86.—St.-Remy, 1898, 539-540.
- pini* (Ben. & Hesse, 1863) Tasch., 1878, 568.—Massa, 1906, 56 (to *Trochopus*).
- rhombi* (Ben. & Hesse, 1863) Tasch., 1878, 568.—Massa, 1906, 58 (to *Trochopus*).
- rotundum* Goto, 1894a, 245-248, pl. 24, figs. 6-9 (in *Xiphias gladius*; Misaki).—St.-Remy, 1898, 537-538.—Setti, 1898, 311, 313; 1899, 77, 78, 83 (syn. of *T. coccineum*).
- rudolphianum* Dies., 1850a, 429 (t. h. *Orthagoriscus mola*; Anglia) (new name for *Capsala sanguinea* Blainv., *T. mola* Blanchard, 1847, *T. coccineum* of Rud., *Phylline coccinea* Schweigger).—Johnston, 1865a, 33.—Kroyer, 1838-40a, 597; 1852-53a, 745 (in *Orthag. mola*).—Lint., 1898, 510; 1900, 281; 1901, 408, 414, 466.—Setti, 1898, 311 (syns. *aculeatum* Couch, *cephala* Risso, *mola* Bl.); 1899, 84.—Stoss., 1898, 5.—Tasch., 1878, 564, 567.—Reported also for *Mola mola*.
- scianæ* Ben., Tasch., 1878, 568.
- sinuatum* Goto, 1894a, 239-241 (in *Histiophorus* sp.; Misaki); 1899a, 272.—Mont., 1899, 89; 1899, 108 (spelled also *sinuatuun*, 109).—St.-Remy, 1898, 536-537, 539.—Setti, 1898, 309, 311; 1899, 124.
- sinuatuun* Mont., 1899, 109, misprint.
- solex* (Ben. & Hesse, 1863) Tasch., 1878, 568; 1879, 59 (to *Phylonella*).
- squali* E. Bl., 1847, 327-328 (t. h. *Squalus*; New Zealand).—Ben. & Hesse, 1864, 76.—Braun, 1890a, 529, 547, 552.—Cuvier, —, pl. 36, figs. 3, 3a.—Dies., 1850a, 430 (syn. of *T. blanchardii*).—Setti, 1898, 311; 1899, 84; 1899, 125.—Tasch., 1878, 564, 567.
- sturionis* (Abildg., 1794) Cuvier, 18—, pl. 36, figs. 4-4a or Bl., 1847, 329-330.—Ben. & Hesse, 1864, 67 (of Bl. syn. of *Nitzschia elegans*).—Dies., 1850a, 426 (syn. of *Nitzschia elegans*).—Johnston, 1865a, 34.—Tasch., 1878, 568 (of Bl. syn. of *T. elongatum*).
- tubiporum* Dies., 1836a, 14-15, pl. 1, figs. 14-16 (in *Trigla hirundo*); 1850a, 428 (renamed *Trochopus longipes* as type of *Troch.*).—Ben. & Hesse, 1864, 74, 75, 76, 77 (to *Troch.*).—Duj., 1845a, 323.—Massa, 1906, 43; 1906, 53, 54 (to *Troch.*).—Nord., 1840, 602 (to *Capsala*).—Sons., 1891, 261.—Stoss., 1898, 7 (in *Trigla hirundo*; Trieste).—Tasch., 1878, 563, 564, 568 (in *Trig. hir.*).
- uncinatum* Mont., 1889h, 117-118, pl. 4, figs. 1-7 (in ?*Pluronectes*; Coll. Leuck.); 1889i, 516; 1891, 101, 116, 123; 1893.—Braun, 1890a, 487, 497, 529, 547, 551 (in *Hippoglossus* sp.).—Goto, 1894a, 237.—Setti, 1898; 1899, 124.
- TRISTOMATIDÆ Gamb., 1896a, 53, 55, 73.—Scott, T., 1901, 141, 142.
- TRISTOMATINÆ Gamb., 1896a, 73.
- TRISTOME [French] Blainv., 1824a, 515 ("Nouveau genre que M. Boec avait nommé capsule pour un animal parasite sur les branchies des poissons, que je regarde de la famille des sangsues").
- TRISTOMEÆ Tasch., 1879, 56, 57, 67; 1879, 235, 238.—Braun, 1883a, 58; 1890a, 516, 517, 523, 524, 525; 1890b, 127.—Cerf., 1894, 946, 948; 1895h, 914, 919; 1898b, 36.—Haswell, 1892a, 457.—Jackson, 1888, 644, 653 (includes *Tristomidæ*, *Monocotylidæ*, *Udonellidæ*).—Jucl., 1889, 14.—Hoyle, 1890, 539 (includes: *Tristomidæ*, *Monocotylidæ*, *Udonellidæ*).—Mont., 1888a, 15, 86 (*Tristomeæ*); 1888a, 7, 10, 11, 12, 13, 15, 17, 18, 20, 21, 26, 27, 31, 32, 34, 36, 37, 42, 47, 48, 49, 50, 53, 54, 56, 67, 70, 86, 87, 88, 96, 108, 110; 1891, 108.—Par. & Per., 1890, 5.—Sons., 1890, 175.
- 1888: *Tristomeæ* Mont., 1888a, 15, 86, misprint.

- TRISTOMIDÆ** Cobbold, 1877f, 326; 1879b, 4.—Braun, 1890a, 516, 517, 519, 523, 526, 538; 1893a, 889; 1896b, 7.—Cerf., 1894, 946, 948; 1894k, 936-948, figs. 1-6; 1894l, 175; 1895a, 21; 1895b; 1898b, 361; 1899a, 411.—Haswell, 1887a, 294, 299; 1892a, 457; 1893e, 114, 125.—Hoyle, 1890, 539 (*Tristomum*).—Jackson, 1888, 653 (*Tristomum*).—Mont., 1888a, 7, 15, 16, 19, 23, 30, 31, 34, 35, 67, 86, 87, 88, 96, 107, 108; 1891, 101, 108, 111, 122; 1891, 99-134, 1 fig., pls. 5-6, 41 figs.; 1892, Jan. 15, 99-134, 1 fig., pls. 5-6, figs. 1-41; 1892, Oct. 7 (fam. of *Eterocotylea*; contains *Tristominæ*, *Encotyllabinæ*, *Udonellinæ*); 1893, 21; 1899, 77; 113; 1903, 335 (contains subf. *Tristominæ* (g. *Tristomum*, *Trochopus* [= *Placunella*]); 2. *Acanthocotyllinæ* (g. *Acanthocotyle*); 3. *Ancyrocotyllinæ* (g. *Ancyrocotyle*, *Epibdella* [= *Phylonella*], *Nitzschia*); 4. *Encotyllabinæ* (g. *Encotyllabe*); 1905, 68.—Muehl., 1898, 17.—Pratt, 1900, 646 (includes: *Tristominæ*, *Encotyllabinæ*, *Udonellinæ*), 648.—St.-Remy, 1891, 55 pp., 2 pls.; 1891, 11 May, 1072-1074 (genital organs); 1892, 30 May, 702-703; 1892?, 1-55; 1892, 2 Oct., 615-616; 1898, 522, 532.—Schneidemuehl, 1896, 296.—Scott, 1901, 141.—Stoss., 1898, 5.—Tasch., 1879, (of Ben.) 68; 1879, 235.
- TRISTOMIDEA** Carus, 1863, 477.—Mont., 1888a, 84.
- TRISTOMIDES** Tasch., 1879, 235.—E. Bl., 1888a, 541 (embraced in *Polystomiens*).—Mont., 1888a, 86.
- TRISTOMIDI** Mont., 1892g, 99-134, figs. 1-41, for *Tristomidæ*.
- TRISTOMII** E. Bl., 1847, 321.
- TRISTOMINÆ** Braun, 1893a, 889.—Mont., 1892, Oct. 7, 213 (subf. of *Tristomidæ*, contains *Tristomum*, *Nitzschia*, *Epibdella*, *Trochopus*, *Acanthocotyle*); 1899, 81, 113; 1903, 335 (f. *Tristomidæ*).—Pratt, 1900, 646, 648 (includes: *Tristoma*, *Nitzschia*, *Epibdella*, *Phyllonella*, *Trochopus*, *Acanthocotyle*, *Placunella*).—St.-Remy, 1898, 532.
- TRISTOMUM**, see *Tristoma*.
- TRISTOMUN** Mont., 1888a, 28 (for *Tristomum*).
- TRISTONUM** Setti, 1899, 84, for *Tristomum*.
- TROCHOPUS** Dies., 1850a, 290, 428 (m. *longipes*) [not Carpenter, 1898, insect]; 1858e, 313, 365.—Ben., 1858a, 1861a, 38.—Ben. & Hesse, 1864, 66, 74.—Braun, 1890a, 411, 412, 415, 451, 465, 469, 511, 515, 516, 517, 519, 523, 526, 528; 1891d, 422; 1893a, 889.—Burm., 1856a, 251.—Gamb., 1896a, 73.—Goldb., 1855a, 20.—Massa, 1903, 252-255; 1906, 43-71 (syns.: *Capala* Nord., *Trist.* Tasch., *Placunella* Ben. & Hesse).—Mont., 1888a, 7, 10, 11, 13, 52, 66, 86, 87, 97; 1891, 105, 107, 111, 124, 125; 1892, Oct. 7, 213 (gen. of *Tristominæ*); 1899, 98; 1903, 335=Placunella (subf. *Tristominæ*; f. *Tristomidæ*).—Pratt, 1900, 646, 648 (key).—Scott, 1901, 143; 1901, in 120-153, 2 pls.—St.-Remy, 1898, 534.—Sons., 1891, 260-261.—Stoss., 1898, 7.—Tasch., 1878, 566 (syn. of *Tristomum*).
- diffrens* Sons., 1891, 261 (in *Cantharus lineatus* Mont.).—Braun, 1891d, 422.—Massa, 1903, 255 (in C. lin.); 1906, 44, 46, 53, 60-61, 65, pl. 2, figs. 24, 25, 26 (syn. *T. longipes* Sons., 1890) (in C. lin.; Pisa).
- diplacanthus* Massa, 1903, 254 (in *Trigla hirundo*); 1906, 45, 46, 53, 56, 64, 65, 66, pl. 2, figs. 3, 4, pl. 3, fig. 33 (syn. *Placunella pini* Scott, 1901) (in *T. hir.*; Scotland).
- exacanthus* Par. & Perugia, 1889.—Massa, 1903, 255 (in *Serranus gigas*).—For *hexacanthus*.
- heteracanthus* Massa, 1903, see *heteracanthus*.
- heteracanthus* Massa, 1903, 252, 254 (in *Trigla corax*); 1906, 46 (*heteracanthus*), 48, 51, 53, 55, 57, 62, pl. 2, figs. 8, 9, 10, 11, pl. 3, figs. 27, 31, 37, 38, 39, 40, 41 (syns.: *T. longipes* Sons., *T. tubiporus* Sons.) (in *Trig. co.*; Naples).
- hexacanthus* (Par. & Perugia, 1889) Massa, 1906, 45, 46, 47, 53, 59-60, 65, pl. 2, figs. 15, 16, 17, pl. 3, figs. 28, 36 (in *Serranus gigas*; Genova).
- lineatus* Scott, 1901, 143-144, pl. 8, fig. 18 (in *Trigla lineata*; Clyde); 1905, 118.—Massa, 1903, 254 (in *Trigla lineata*); 1906, 45, 46, 52, 61, pl. 2, figs. 5, 6, 7, pl. 3, figs. 32, 35 (in *Trigla lineata*; Scotland).
- longipes* Dies., 1850a, 428 (= *Trist. tubiporum* 1835, renamed) (in *Trigla hirundo*); 1858e, 365.—Ben. & Hesse, 1863, 75; 1864, 75 (syn. of *T. tubiporus*).—Kroyer, 1838-40a, 582 (in *Trig. hir.*).—Massa, 1906, 53, 55 (syn. of *T. tubiporus* Dies.), 60 (of Sons., 1890) (syn. of *T. differens* Sons.), 62 (syn. of *T. heteracanthus* Massa).—Mont., 1891, 123, 124.—Sons., 1891, 260, 261.—Stoss., 1898, 7 (in *Trig. hir.*; Trieste).—Tasch., 1878, 564, 565, 568 (syn. of *T. tubiporum*).

## TROCHOPUS—Continued.

- micracanthus* Massa, 1903, see *micracanthus*.
- micracanthus* Massa, 1903, 255 (in *Trigla hirundo*); 1906, 46, 53, 56, 63, 65, 66, pl. 2, figs. 21, 22, 23, pl. 3, fig. 29 (in *Trigla hirundo*; Genova).
- microcanthus* Massa, 1906, 66, for *micracanthus*.
- onchacanthus* Massa, 1906, 44, 46, 53, 65–66, pl. 2, figs. 12, 13, 14, pl. 3, fig. 30 (host unknown; Triest).
- pini* (Ben. & Hesse, 1863) Massa, 1903, 254 (in *Trigla pini*); 1906, 46, 53, 55, 56–58, 63, 65, 66, pl. 2, fig. 2 (syns.: *Placunella pini* Ben. & Hesse, Trist. *pini* Tasch., *Troch. tubiporus* Sons.) (in *Trig. pini*, *T. hirundo*, *T. corax*; Naples).
- rhombi* (Ben. & Hesse, 1863) Massa, 1903, 255 (in *Rhombus maximus*); 1906, 45, 46, 53, 58–59, 65, pl. 2, fig. 1 (syns.: *Placunella rhombi* Ben. & Hesse, Trist. *rhombi* Tasch.) (in *Rh. max.*; Brest).
- tubiporus* (Dies., 1835) Ben. & Hesse, 1864, 66, 75–76, pl. 6, figs. 8–13 (syns.: Trist. *tubiporum*, *T. longipes*) (in *Trigla hirundo*).—Braun, 1890a, 418, 424, 488, 528, 547, 552.—Massa, 1903, 253, 254 (in *Trig. hir.*); 1906, 44, 46, 53–55 [56, 57 (of Sons., 1901, 200, syn. of *T. pini* Ben. & Hesse)], 60, [62 (of Sons., 1891, 260, syn. of *T. heteracanthus*)], 65, 66, pl. 2, figs. 18, 19, 20, pl. 3, fig. 34 (syns.: *Capsala tubipora* Nord., Trist. *tubiporum* Dies.; *Troch. longipes* Dies.).—Mont., 1888a, 66; 1891, 104, 124, pl. 5, fig. 11, pl. 6, figs. 12–16.—Par. & Perugia, 1890, 5.—Pratt, 1900, 655, 657, fig. 7.—St.-Remy, 1898, 535.—Scott, A., 1901, 345; 1901, 143 (in *Trigla hirundo*).—Sons., 1891, 260, 261.—Stoss., 1898, 7.—Reported also for *Cantharus lineatus*.
- TTISTOMEË Mont., 1888a, 15, 86, misprint for *Tristomeæ*.
- TURBINILLA Bory St.-Vincent, 1823b, 356, genus of *Cercariæ*.
- TYLODELPHIS Pag., 1857, 38, pl. 4, fig. 7.—Mont., 1888a, 84.—Villot, 1898, 542 (for *Tylodelphys*).
- TYLODELPHUS Kroyer, 1838–40a, 579.—Linst., 1878a, 290, for *Tylodelphys*.
- TYLODELPHYS Dies., 1850a, 287, 304–305 (type *clavata*): 1858e, 311, 315–316.—Brand., 1888a, 12, 15, 52; 1890a, 578.—Braun, 1894, 166; 1895b, 132.—Goldb., 1855a, 16.—Mont., 1888a, 84 (*Tylodelphis*), 91.—Ols., 1893, 8.—Pag., 1857, 46.—Villot, 1898, 542 (*Tylodelphis*).
- 1888: *Tylodelphis* Mont., 1888a, 84, for *Tylodelphys*.
- clavata* (Nord., 1832) Dies., 1850a, 305 (in *Acerina vulgaris*, *Perca fluviatilis*, *Lucioperca sandra*, *Esox lucius*; Rhedoni); 1858e, 316.—Braun, 1892a, 796.—Kroyer, 1838–40a, 579 (in *Acerina cernua*).—Ols., 1893, 8.
- craniaria* Dies., 1858e, 316, based on Leydig, 1853, 382, pl. 14, fig. 6 (in *Cobitis fossilis*).—Braun, 1892a, 796.—Pavesi, 1881, 616.—To *Diplost.* by Cobbold, 1860.
- petromyzi fluviatilis* Linst., 1878a, 290, for *petromyzonis fluv.*
- petromyzi fluviatilis* Braun, 1892a, 796.
- petromyzonis fluviatilis* Dies., 1858e, 316 (in *Petromyzon fluviatilis*) (syns.: *Diplost. petromyzoni fluviatilis* Mueller, ? *Diplost. rachiseum* Mueller).
- rachidis* Hannover, 1864a, 3.
- rhachixa* (Henle, 1833) Braun, 1892a, 796 (see *rhachidis* Dies.).
- rhachidis* Dies., 1850a, 305 (= *Dubium ranarum* Rud., *Diplost. rhachiseum* Henle, renamed) (in *Rana esculenta*, *R. temporaria*): 1858e, 316 (in *Pelophylax esculentus*).—Braun, 1893a, 871.—[Caldani, 1794, 312–318, pl. 7, figs. 7–8].—Hannover, 1864a, 3 (*rachidis*).—Pag., 1857, 38, pl. 4, fig. 7 (in *Rana esculenta*).—[Rud., 1810a, 268 (*Dubium ranarum*).]
- TYPHLOCÆLUM Stoss., 1902, 9, 30–32 (tod. *flavum*); 1902, 33 (syn. *Monost. flavum*) (in *Anas boschas brasiliensis*).—Cohn, 1904, 229, 231 (syn. of *Monost. flavum*), 232.
- cucumerinum* (Rud., 1809) Stoss., 1902, 32–33, pl. 8, fig. 28 (syns.: *Dist. cuc.* Rud., *Monost. cuc.*) (in *Avis riparia*).
- flavum* (Mehlis, 1831) Stoss., 1902, 30–32, pl. 9, figs. 31, 32 (syn. *Monost. fl.*) (in *Fuligula marila*; Rossitten).—Cohn, 1904, 230–232, fig. 1
- sarcidiornicola* (Mégnin, 1890) Stoss., 1902, 33–34 (syn. *Monost. sarc.*) (in *Sarcidiornis melanota*; Madagascar).

**UDONELLA** Johnston, 1835a, 497 (m. caligorum); 1865a, 30, 34.—Ben., 1858a, 1361a, 11, 12, 190, 207, 210, 297.—Brand., 1894a, 308.—Braun, 1890a, 451, 452, 465, 468, 477, 483, 484, 490, 498, 511, 515, 516, 517, 518, 522, 523, 531, 532; 1893a, 890.—Burm., 1856a, 251.—Carus, 1863, 477.—Chatin, 1880f, 591; 1881a, 311.—Cobbold, 1879b, 463.—Dies., 1850a, 290, 427 (syns.: Hirudo? Kroyer, Amphibothrium Frey & Leuck.); 1858c, 313, 362–363 (m. caligorum); 1859c, 437.—Gamb., 1896a, 73.—Goldb., 1855a, 20.—Hoyle, 1890, 539 (type caligorum).—Jackson, 1888, 644, 653.—Leuck., 1863a, 489; 1879, 139; 1886d, 107.—Mont., 1888a, 10, 52, 70 (Udonetla), 84, 86, 88, 98; 1892, Oct. 7, 186, 213 (gen. of Udonellinae); 1903, 336 (subf. Udonellinae); 1905, 65.—Par. & Perugia, 1890, 14.—Pratt, 1900, 646, 649 (on Caligus and Anchorella), 655, fig. 12.—Scott, T., 1901, 144.—Stoss., 1898, 8.—Tasch., 1878, 572; 1879, 236, 238; 1879, 56, 59, 68, 73.—Wagener, 1857, 25, 26.

1888: Udonetla Mont., 1888, 70.

*caligorum* Tasch., 1878, 564, 565, 572–573, for caligorum.

*caligi* (Kroyer)—Ben., 1858a, 1861a, 189.

*caligorum* Johnston, 1835a, 497, fig. 45 a–c (on Caligus on Hippoglossus vulgaris); 1865a, 34, 299–300, fig. 49.—Ben., 1858a, 1861a, 12, 13–18, pl. 1, figs. 1–15 (syns.: Phylline caligi Kroyer, Amphibothrium kroyeri) (in Pleuronectus hippoglossus, Gadus morrhua, Trigla gurnardus), 260.—Braun, 1890a, 418 (caligorum), 468, 485, 500, 512, 532, 548, 550, 551 (in Caligus sp.; North Sea; Atlantic Ocean).—Cobbold, 1879b, 484.—Dies., 1850a, 427 (syns.: Hirudo Kroyer, Amphibothrium kroyeri Frey & Leuck.); 1858c, 363; 1859c, 437 (in Caligus hippoglossi vulgaris et gadi morrhuae; Belgia).—Gamb., 1896a, 55, fig. 22B.—Grube, 1851, 116, 150.—Hoyle, 1890, 539 (on Caligus which is on Hippoglossus vulgaris).—Jackson, 1888, 646, 650 (on Caligus).—Moul., 1856a, 11.—Pag., 1857, 11.—Pratt, 1900, 655, fig. 12, 657.—Quatrefages, 1854, 23.—Scott, 1901, 144 (in Caligus curtus); 1905, 118; 1901, pl. 8.—Staff., 1904, May 3, 482 (on Caligus on Gadus callarias; Canada).—Tasch., 1878, 564, 565, 572–573 (caligorum).

*hirundinis* (Ben. & Hesse, 1863) Tasch., 1878, 573 (syn. Echinella hirundinis).

*lupi* Ben. & Hesse, 1863, 92, pl. 8, figs. 11–14 (in Labrax lupus).—Braun, 1890a, 408, 417, 427, 482, 532, 548, 550, 551 (in L. lup.; Atlantic Ocean).—Mont., 1890, 420.—Stoss., 1898, 8.—Tasch., 1878, 573.

*merlucii* Ben. & Hesse, 1863, 93; 1864, 93 (in Merlucius vulgaris).—Braun, 1890a, 417, 532, 548, 550, 551 (in M. vulg.; Atlantic Ocean).—Tasch., 1878, 573.

*molæ* (Ben. & Hesse, 1863) Tasch., 1878, 573.

*pollachii* Ben. & Hesse, 1863, 90–91, pl. 8, figs. 1–8; 1864, 90–91, pl. 8, figs. 1–8 (in Merlangus pollachius).—Braun, 1890a, 408, 410, 417, 446, 510, 532, 548, 550, 551 (in M. poll.; Atlantic Ocean).—Gamb., 1896a, 58, fig. 25B.—Mont., 1888a, 7, 10, 34.—Tasch., 1878, 573.

*sciænæ* Ben. & Hesse, 1863; 1864, 93, pl. 8, figs. 15–16 (in Sciæna aquila).—Braun, 1890a, 465, 532, 548, 549, 552 (in S. aq.; Atlantic Ocean).—Tasch., 1878, 573.

*trigla* Ben. & Hesse, 1863; 1864, 92, pl. 8, figs. 9–10 (in trigles).—Braun, 1890a, 417, 446, 532, 548, 550, 552 (in Trigla sp.; Atlantic Ocean).—Tasch., 1878, 573.

**UDONELLIDÆ** Tasch., 1879, 235 (Udonellides), 236; 1879, 68.—Braun, 1890a, 516, 517, 523, 526, 531; 1896b, 7.—Cerf., 1894, 946, 947, 948; 1898b, 361, 362.—Haswell, 1893e, 125.—Hoyle, 1890, 539 (Udonella).—Jackson, 1888, 653 (Udonella).—Mont., 1888a, 7, 10, 13, 18, 34, 36, 66, 67, 86 (Udonellides), 88, 98, 108, 110; 1891, 108; 1903, 336 (subf. Udonellinae (g. Udonella, Echinella, Pteronella).—Scott, 1901, 141.

**UDONELLIDÆ** Tasch., 1879, 235 (see Udonellidæ).—Mont., 1888a, 86.

**UDONELLINÆ** Mont., 1892, Oct. 7, 213 (subf. of Tristomidæ); 1903, 336 (f. Udonellidæ).—Braun, 1893a, 890.—Pratt, 1900, 646 (includes: Udonella, Echinella, Pteronella), 649.—Scott, T., 1900, 141, 144.

**UDONETLA** Mont., 1888a, 70, for Udonella.

**UNICOLA** Rafinesque, 1815, 151, genus of Fasciolaria, nomen nudum; to contain species of Fasciola, but these are not mentioned. The name has therefore no status at present.

**UROCENTRUM** Nitzsch, 1827, 68 (m. Cerc. turbo).

**UROGONIMINÆ** Looss, 1899b, 655.—Pratt, 1902, 889, 906 (includes Urorhythmia, Urogonimus, Urotocus, Urotrema).

**UROGONIMUS** Mont., 1888a, 15, 92, 104 (tod. *macrostomus*); 1892, Oct. 7, 214 (gen. of Distominae); 1893, 82, 154, 155, 157, 162, 164, 165; 1896, 167.—Braun, 1892a, 696, 699, 715, 727, 736; 1893a, 885, 886, 890, 893, 909, 911; 1895b, 138; 1900h, 3; 1900, 390; 1900, 234, 1901, 942, 943; 1902b, 136, 140.—Darr, 1902, 655.—Looss, 1894a, 173, 174; 1896b, 139; 1899b, 536, 538, 542, 551, 648, 653–654, 655, 665, 749, 750.—Luehe, 1899, 532; 1900, 555.—Moniez, 1896a, 90.—Nickerson, 1902, 606.—Ofenheim, 1900, 183.—Poche, 1907, 125.—Pratt, 1902a, 889, 906.—Stiles, 1901, 176, 194.—Stiles & Hass., 1898a, 95, 96 (syn. *Leucochloridium*), type *Fasc. macrostoma*.—Stoss., 1892, 4, 5; 1898, 23.—See also *Leucochloridium* 1835.

*cercatum*, see *cercatus*.

*cercatus* (Mont., 1893) Mont., 1893, 40, 42, 43, 83, 95, 102, 157 (*cercatum* and *cercatus*), 162–166, pl. 5, figs. 64–65; 1896, 167.—Looss, 1894a, 174 (*cercatum*); 1896b, 139, 140; 1899b, 654, 750.—Mueh., 1898, 16 (footnote); 1898, 99.

*insignis* Looss, 1899b, 596, 654, 748–750, figs. 49, 71 (in *Fulica atra*; Marg, Egypt).  
*macrostomum* (Rud., 1803) Mont., 1893, 27, 67, 68, 76, 83, 95, 102, 107, 157.

*macrostomus* (Rud., 1803) Mont., 1892, Oct. 7, 187 (*macrostomum*); 1893, 27, 67, 68, 76, 83, 95, 102, 106, 107, 157, 162, 164 (*macrostomum* and *macrostomus*); 1896, 167.—Braun, 1901, 562, 564, 565, 567, 568; 1902b, 40 (in *Fringilla coelebs*), 42 (in *Fringilla linaria*, *Parus palustris*, of Vienna Col., Nos. 361 and 466), 124, 125 (*macrostomum*), 136, 139 (syns.: *Dist. elegans pars*, *D. caudale* of Mueller in *Coracias garrula*, *D. holostomum* Rud., 1819, *Cladocellium* hol. Stoss., 1892) (in *Rallus aquaticus*, *Gallinula chloropus*, *G. porzana*).—Jacoby, 1900, 20.—Kowal., 1902d, 28 (10); 1904, 25 (10) (in *Turtur aurita*; Dublany).—Looss, 1896b, 139 (to *Dist.*); 1899b, 654, 750, 761.—Muehl., 1898, 16, 17, footnote; 1898, 22, 99, 101.—Stoss., 1896, 127, fig. 1; 1898, 23–24 (in *Numenius tenuirostris*; Monfalcone).—Reported also for *Passer domesticus*.

*rossittensis* Mueh., 1898, 16–17 (in *Turdus pilaris*; East Prussia); 1898b, 4, 22, 100–101, fig. 15 (at Rossitten).—Jacoby, 1900, 20.—Looss, 1899b, 654, 750, type of *Urotocus*.

**URORYGMA** Braun, 1901g, 942 (m. *nanodes*); 1902b, 138.—Pratt, 1902, 889, 904 (key to).

*nanodes* Braun, 1901g, 942–943 (in *Falco nitidus*; Brazil); 1902b, 138–140, figs. 81, 82.

**UROTOCUS** Looss, 1899b, 654–656 (tod. m. *rossittensis*); 1902m, 839.—Braun, 1900, 234; 1900, 390; 1902b, 140.—Luehe, 1901, 488.—Ofenheim, 1900, 183.—Pratt, 1902, 889, 907.

*rossittensis* (Mueh., 1898) Looss, 1899b, 655.

**UROTREMA** Braun, 1900, 390–391 (m. *scabridum*); 1902b, 140.—Looss, 1902m, 839.—Luehe, 1901, 488.—Pratt, 1902, 889, 901.

*scabridum* Braun, 1900, 390–391 (in *Fledermaus*); 1900b, 234–236, pl. 10, figs. 5, 10 (*Noctilio macropus*, *Molossus*, *Phyllostoma*; Brazil).

**VALLISIA** Par. & Per., 1890, 21 (m. *striata*); 1890, 18 (*striata*), *Octocotyliidae*.—Braun, 1890a, 407, 451, 453, 469, 481, 484, 519, 523, 534, 536, 546; 1893a, 890.—Cerf., 1895b, 920; 1896, 515.—Gamb., 1896a, 73 (*Vallisnia*).—Mont., 1892, Oct. 7, 213 (subg. in *Octocotylinæ*); 1903, 336 (subf. *Octobohtrinæ*).—Pratt, 1900, 646, 651 (key), 656, fig. 32.—Stoss., 1898, 13.

*striata* Par. & Per., 1890, 21 (in *Lichia amia*; Trieste); 1890, 7; 1891, Jan. 19, 17–19.—Braun, 1890a, 534, 536, 548, 551 (in *Lichia amia*; Mittelmeer, Trieste).—Par., 1894, 594, 671.—Pratt, 1900, 656, 657, fig. 32.—Sons., 1890, 138 (to *Octocotyle*).—Stoss., 1898, 13–14.

**VALLISNIA** Gamb., 1896a, 73, for *Vallisnia*.

**VERTUMNUS** Otto, 1823, 294–300 (m. *thetidicola*), syn. of *Phœnicurus*.

*thetidicola* Otto, 1823, 294–300, pl. 41, figs. a–f (in *Thetis fimbria*) (syn. of *Phœnicurus varius* Rud.).—Braun, 1889a, 326.—Krohn, 1842a, 418–423.

**VIRGULINA** Bory St.-Vincent, 1823b, 356, genus of *Cercarieæ*.

**WEDLIA** Cobbold, 1860a, 37–38 (bipartita Wedl, from *Thynnus vulgaris*, was clearly intended as type).—Braun, 1893a, 894 (fabæ apparently taken as type by elimination).—Mont., 1888a, 9, 93; 1892, 714.—Tasch., 1879, 607.

1878: *Didymozoon* Tasch., 1878, 716.

1884: *Weidlia* Scudder, 1884, 335, misprint.

## WEDLIA—Continued.

1902: *Didymostoma Ariola*, 1902, 103 (bipartitum).

*bipartita* (Wedl, 1855) Cobbold, 1860a, 38 (in *Thynnus vulgaris*).—Mont., 1893, 150.—Type of *Didymostoma* 1902.

*faba* (Bremser, 1831) Cobbold, 1860a, 38 (syns.: *Monost. faba* Bremser, Duj., Crep., Dies.; *M. bijugum* Miescher, Sieb.; *Globularia Orlando* (in *Fringilla canaria*, F. domestica, F. spinus, *Parus major*, *Sylvia sibilatrix*, *S. trochilus*, *Motacilla boarula*).

WEIDLIA Scudder, 1884, 335, misprint for Wedlia.

XENODISTOMUM Staff., 1904, May 3, 483 (*ξένος*=stranger) (m. *melanocystis*).

*melanocystis* Staff., 1904, May 3, 483 (t. h. *Lophius piscatorius*; Canada) (*μέλας*, black; *κύστις*, bladder).—Odh., 1905, 310.

ZEUGORCHIS Staff., 1905, Apr. 11, 691–692 (*ζεύγος*, pair; *ὄρχις*, testicle) (m. *aquatus*).

*aquatus* Staff., 1905, Apr. 11, 691–692 (= Dist. sp. Staff., 1902, 482) (in *Eutenia sirtalis*; Canada).

ZEUGORCHIS Nicoll, 1906, 514 (m. *acanthus*); 1907, 128, renamed *Parorchis*.

*acanthus* Nicoll, 1906, 514, 519–522, pl. 12, figs. 4–5, pl. 13, figs. 6–7 (in *Larus argentatus*).

(XIPHIDIOCERCARIA) Dies., 1855a, 388–390 (subg. of *Cercaria*); 1858d, 253, renamed C. (*Acanthocephala*).

1858: C. (*Acanthocephala*) Dies., 1858d, 253–255.

*armata* (Sieb., 1837) Dies., 1855a, 388; 1858d, 251, to C. (*Acanthocephala*).—See *endoloba*, type of *Opisthioglyphe* 1899.

*gibba* (Fil., 1854) Dies., 1855a, 389; 1858d, 257, to C. (*Acanthocephala*).

*macrocerca* (Fil., 1855) Dies., 1855a, 389; 1858d, 255, to C. (*Acanthocephala*).—See *cygnoides*, type of *Gorgodera*.

*microcotyla* (Fil., 1854) Dies., 1855a, 390; 1858d, 253, to C. (*Acanthocephala*).—See *tetracystis*, type of *Cystagora*.

*vesiculifera* Dies., 1855a, 389; 1858d, 254, to C. (*Acanthocephala*).

*vesiculosa* (Fil., 1854) Dies., 1855a, 389 (syn. of *Cerc. vesiculifera*).

ZOOGONINÆ Odh., 1902, 63–64.—Goldschmidt, 1902e, 870.—Pratt, 1902, 889, 906 (key) (*Zoogonus*, *Zoogonoides*).

ZOOGONOIDES Odh., 1902, 61, 64 (tod. *viviparus*).—Goldschmidt, 1902e, 870.—Pratt, 1902, 889, 906 (key).

*viviparus* (Ols., 1868) Odh., 1902, 62–63, 64, fig. 2.—Goldschmidt, 1902e, 870.—Nicoll, 1907, 72, 83–84, pl. 2, fig. 8, pl. 3, fig. 9 (in *Pleuronectes limanda*, *P. platessa*, *Rhombus maximus*).

ZOOGONUS Looss, 1901d, 439 (tod. *mirus* indicated by “n. g. n. sp.”).—Luehe, 1901, 176.—Odh., 1902, 58–63, 64.—Pratt, 1902, 889, 906 (key).

*mirus* Looss, 1901, 439–442, fig. 6 (in *Labrus merula*; Triest).—Goldschmidt, 1902e, 870–876, figs. 1–6 (in *Labrus merula*); 1903a, 535–536; 1905, July, 56; 1905, 607–654, pls. 36–38, figs. 1–42.—Nicoll, 1907, 83.—Odh., 1902, 58, 59, 60, 61, 64.—Ræwer, 1906, 220, 221.

*rubellus* (Ols., 1868) Odh., 1902, 59–61, 63, fig. 1.—Goldschmidt, 1902e, 870, 872, 873.

*viviparus* (Ols., 1868) Looss, 1901, 439, 440, 441, 442.—Type of *Zoogonoides* 1902.

ZOOSPERMA Bory St.-Vincent, 1823b, 356.





## ADDENDA.

Since the manuscript of this bulletin left our hands, a number of additional references to trematodes have come into our possession. Only such references as involve new names and new combinations will be inserted in the addenda.

Particular attention is invited to an important change in the International Code relative to the collective groups, namely:

ART. 8.—Recommendation: Certain biological groups which have been proposed distinctly as collective groups, not as systematic units, may be treated for convenience as if they were genera, but they require no type species. Examples: *Agamodistomum*, *Amphistomulum*, *Agamoflaria*, *Agamomermis*, *Sparganum*.

In the present bulletin, types were designated for certain of these groups before the foregoing article was adopted. Such designation becomes null and void under this article.

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## ADDITIONAL SPECIFIC NAMES.

- acanthus* Nicoll, 1906. [See supra, p. 10.] Add: 1907: Parorchis.
- affinis* Looss, 1907, 158, t. h. *Anguilla chrysypa*, *Osmerus mordax*; U. S. A.—1907: *Brachyphallus*.
- albida* Braun, 1893. [See supra, p. 12.] Add: 1898: *Campula*.
- angulatum* Linst., 1907, 202, t. h. *Lucioperca sandra*; Wolga.—1907: *Phyllodist.*
- annuligerum* Nord., 1832. [See supra, p. 14.] Add: 1904: *Diplost.*
- appendiculata* Pelseneer, 1906, 167, t. h. *Natica alderi*; Boulogne-sur-Mer.—1906: *Cerc.*
- baccutus* Nicoll, 1907, 72, t. h. *Hippoglossus vulgaris*; Scotland.—1907: *Stephanochasmus*.
- bacillare* Mol., 1859. [See supra, p. 16.] Add: 1907: *Ophecona*, type.
- baculatum* Lint., 1907, 119, for *baculum* (*Gasterost.*).
- bathycotyle* Fischder., 1903h, 542, for *bathycotyle* (*Paramphist.*).
- bovium* Nakahama, (1883b).—1883: *Amphist.*
- branchialis* Willem, 1906, 599, t. h. *Rale bouclée*; Belgium.—1906: *Acanthocotyle*.
- brevicauda* Pelseneer, 1906, 167, t. h. *Littorina rudis*; Wimereux.—1906: *Cerc.*
- breviductus* Looss, 1907, 596, t. h. *Pelamys sarda*; Atlantic Ocean.—1907: *Dinurus*.
- burki* Rathelot, 1892a, 14, for *buskii* (*Dist.*).
- buski* Rail., 1898, 172, for *buskii* Lankester.—1898: *Campula*.
- caducum* Looss, 1907, 615, t. h. *Umbria cirrrosa*.—1907: *Pristisomum*.
- calculus* Looss, 1907, 610, t. h. *Larus argentatus*, *L. ridibundus*; Trieste.—1907: *Pachytrema*.
- caligarum* Ben., 1858a, 1861a, 12, for *caligorum* (*Udonella*).
- cygnoides* Desmonceaux, 1868a, 21, for *cygnoides* (*Dist.*).
- columba* Mazzanti, 1889. [See supra, p. 24.] Add: 1890: *Mesogonimus*.
- commutatum* Dies., 1850. [See supra, p. 24.] Add: 1898: *Clinost.*
- complexa* Stiles & Hass., 1894. [See supra, p. 25.] Add: 1898: *Campula*.
- conchicala* Nord., 1833b, 281, for *conchicola* (*Aspidogaster*).
- conchilega* Braun, 1883a, 41, for *conchicola* (*Aspidogaster*).
- conjuncta* Cobbold, 1860. [See supra, p. 25.] Add: 1898: *Campula*.
- conus* Crep., 1825. [See supra, p. 26.] Add: 1898: *Campula*.
- cornu* Dies., 1839. [See supra, p. 26.] Add: 1907: *Diplodiscus*.
- cornuta* Mueller, 1776a, 221.—1776: *Plan.*
- cotti* Zschokke, 1884, 6, t. h. *Cottus gobio*.—1884: *Sporocystis*.
- crenatum* Mol., 1859. [See supra, p. 27.] Add: 1907: *Lecithocladium*.
- crispata* Pelseneer, 1906, 171, t. h. *Natica alderi*; Boulogne.—1906: *Cerc.*
- cristatum* Rud., 1819. [See supra, p. 27.] Add: 1907: *Lecithocladium*.
- cuculus* Thoss, 1897, 1, t. h. *Larus ridibundus*; Kiel.—1897: *Holost.*
- cygnoides ranæ* Wagener, 1857, 19.—1857: *Dist.*
- cylindraceum* Daday, 1907, 560, for *cylindraceum* (*Dist.*).
- cylindricus* Dies., 1836. [See supra, p. 28.] Add: 1907: *Pseudocladorchis*, type.

- dentalii* Pelseneer, 1906, 170, t. h. *Dentalium tarentinum*.—1906: Cerc.
- didactyla* Mrazek, 1907, 1, t. h. *Atyaephyra desmarestii*; Plavnică.—1907: Scutariella.
- dipstilis* Nicoll, 1907, 247, t. h. *Oldemia fusca*, *O. nigra*; Great Britain.—1907: Gymnophallus.
- dorsale* Freund, 1907, 718, for chordale (Amphist.).
- egyptiaca* Pease, 1901b, 7, for *egyptiaca* (Fasc.).
- emasculans* Pelseneer, 1906, 166, t. h. *Littorina rudis*; Wimereux.—1906: Cerc.
- endorffi* Par. & Perugia, 1895, 2, for *hendorffi* (Phylline).
- excellens* Nicoll, 1907, 247, t. h. *Larus argentatus*; Great Britain.—1907: Spelotrema.
- fenestratum* Lint., 1907, 111, t. h. *Lycodontis moringa*; Bermuda.—1907: Dist.
- feriatum* Nicoll, 1907, 247, t. h. *Ægialitis hiaticula*, *Hæmatopus ostralegus*, *Pelidna* (Tringa) alpina, *Totanus calidris*, *Vanellus vanellus*; Great Britain.—1907: Spelotrema.
- ferrum-equinum* Dies., 1836. [See supra, p. 35.] Add: 1907: Microchelis.
- flum* Looss, 1907, 606, t. h. *Talpa europæa*; Leipzig.—1907: Itygonimus.
- furcata* Mueller, 1786a, 299, free form.—1786: Vorticella. 1816: Furcularia. [1825: Furcocerca serrata.]
- fusiforme* Luehe, 1901. [See supra, p. 37.] Add: 1907: Sterrhurus.
- galeatus* Looss, 1907, 165, t. h. *Mugil auratus*; Coast of Egypt.—1907: Leclithaster.
- gazzeffa* Arch. f. Naturg., 1901, v. 2 (8), 188, for *garzettæ* (Echinost.).
- giardi* Pelseneer, 1906, 170 t. h. *Buccinum undatum*; Boulogne.—1906: Cerc.
- glaviger* Ssinitzin, 1906, 687, for *claviger* (Pleurogenes).
- gracilius* Pelseneer, 1906, 176, for *gracilescens* (Gasterost.).
- grandiporum* Rud., 1819. [See supra, p. 39.] Add: 1907: Sterrhurus.
- gratiosum* Nicoll, 1907, 247, t. h. *Pelidna* (Tringa) alpina; Great Britain.—1907: Maritrema.
- gravidum* Looss, 1907, 603, t. h. *Anguilla vulgaris*; ?Triest.—1907: Lecithochilium.
- gulosum* Lint., 1901. [See supra, p. 39.] Add: 1907: Lecithocladium.
- gyrinus* Lint., 1907, 107, t. h. *Lactophrys tricornis*, *L. trigonus*; Bermuda.—1907: Dist.
- hæmatodium* Dewitz, 1892b, 106, for *hæmatobium* (Dist.).
- haswelli* Mont., (1898), 1899, 122, see *blanchardi* 1893.—1899: Actinodactynella (type).
- hepaticum hominis* Cobbold, 1884g, 976.—1884: Dist. See Fasc. hep.
- heterophyes* Sleb., 1853. [See supra, p. 41.] Add: 1898: Clinost. 1904: Paragonimus.
- hæmatobium* Rathelot, 1892a, 14, 15, for *hæmatobium* (Dist.).
- humile* Nicoll, 1907, 247, t. h. *Totanus calidris*; Great Britain.—1907: Maritrema.
- imocavus* Looss, 1907, 601, t. h. *Thynnus* sp. (?thunnina); Alexandria, Egypt.—1907: Sterrhurus.
- inermis* Goto, 1899a, 273, see *læve* var. *inermis* (Trist.).
- inversum* Looss, 1907, 615, t. h. *Chrysophrys aurata*; Triest.—1907: Placotrema.
- jacksoni* Cobbold, 1869a, 80, for *jacksonii* (Fasc.).
- jaksani* Stazzi, 1900, 3, 4, 5, for *jacksonii* (Fasc.).
- jejunum* Nicoll, 1907, 248, t. h. *Totanus calidris*; Great Britain.—1907: Toco-trema.
- kordatum* see *cordatum*.
- laguncula* Looss, 1907, 69, t. h. [fish]; Triest.—1907: Aponurus, type.
- lamelliforme* Lint., 1907, 108, t. h. *Balistes carolinensis*, *Lactophrys tricornis*, *L. trigonus*; Bermuda.—1907: Dist.

- lapidus* Looss, 1907, 69, t. h. fish. [See p. —.]—1907: *Ectenurus*.  
*laurentina* Borelli, 1897, 1.—1897: *Plan*.  
*lenori* Mont., 1896, 167, for *lenoiri* (*Cephalogonimus*).  
*lepidum* Nicoll, 1907, 247, t. h. *Larus argentatus*; Great Britain.—1907: *Mari-trema*.  
*lepidus* Looss, 1907, 597, t. h. *Lichia amia*.—1907: *Ectenurus*, type.  
*leptosomum* Ræwer, 1906, 185, 186, for *leptostomum* (Dist.).  
*levenseni* Lint., 1907, 110, t. h. *Epinephelus maculosus*, *E. striatus*; Bermuda.—1907: Dist.  
*longistinus* Looss, 1907, 596, t. h. *Coryphæna hippuris*; Red Sea, Aden.—1907: *Dinurus*.  
*lophocerca* Fil., 1857. [See supra, p. 49.] Add: 1907: *Monost*.  
*lugubris* Morgan, 1901, 179.—1901: *Plan*.  
*lunatus* Dies., 1836. [See supra, p. 49.] Add: 1907: *Chlorichia*.  
*macrophallos* Linst., 1875. [See supra, p. 50.] Add: 1907: *Levinseniella*.  
*macrostomus* Daday, 1907, 506, t. h. *Salmo pacupa*, *S. sp.*; South America.—1907: *Pseudocladorchis*.  
*mamillaris* Gertner in Pallas, 1774, 20.—1774: *Distomus*.  
*marenzelleri* Daday, 1907, 473, t. h. *Salmo sp.*; South America.—1907: *Diplo-discus*.  
*margaritarum* Dubois, 1901. [See supra, p. 51.] Add: 1907: *Gymnophallus*.  
*marmorata* Bosc, 1802a, v. 1, 262, for *marmorosa*?.—1802: *Plan*.  
*m'connelli* McConnell, 1878a, 406, for *macconnelli* (Dist.).  
*megacotyle* Dies., 1836. [See supra, p. 52.] Add: 1907: *Microorchis*, type.  
*megalocotyle* Walter, 1893, 19, 24, for *megacotyle* (*Amphist.*).  
*melangi* Lebour, 1907, 442, for *merlangi* (*Octobothrium*).  
*migocera* Lebour, 1906, 7, for *myocerca* (*Cerc.*).  
*minor* Ben., 1858, 98, see *armata minor* (*Cerc.*).  
*montenegrina* Mrazek, 1904a, 1; Montenegro.—1904: *Plan*.  
*monticelli* Mont., 1905, 74, for *monticellii* (*Acanthocotyle*).  
*muehlingi* Nicoll, 1907, 257, 259, for *mühlingi* (Dist.).  
*musculus* Looss, 1907, 600, t. h. *Anguilla vulgaris*, *Dentex vulgaris*; Trieste.—1907: *Sterrhurus*, type.  
*myocercoides* Pelseneer, 1906, 162, t. h. *Syndosmya alba*; Boulogne-sur-Mer.—1906: *Cerc*.  
*nanus* Stiles & Goldberger, 1908, 23, t. h. *Francolinus subtorquatus*; Africa.—1908: *Agamodist*.  
*nephrodorchis* Daday, 1907, 501, t. h. *Salmo pacu*, *S. pacupa*; South America.—1907: *Pseudocladorchis*.  
*nigrotincta* Pelseneer, 1906, 166, t. h. *Syndosmya alba*; Boulogne-sur-Mer.—1906: *Cerc*.  
*novæ zelandiæ* Haswell, 1888, 50, for *novæ zelandiæ* (*Temnocephala*).  
*obtusicauda* Pelseneer, 1906, 182, for *obtusicaudata* (*Cerc.*).  
*obtusicaudata* Pelseneer, 1906, 167, t. h. *Natica alderi*; Boulogne.—1906: *Cerc*.  
*oocysta* Lebour, 1907, 439, t. h. *Paludestrina stagnalis*; Northumberland Coast.—1907: *Cerc*.  
*opaca* Ward, 1894. [See supra, p. 59.] Add: 1907: *Levinseniella*.  
*ophthalmobium* Rathelot, 1892a, 14, for *ophthalmobium* (Dist.).  
*paguri* Nord., 1833b, 379.—1833: *Polyst*.  
*pankreatikum* Katsurada & Saito, —, Hyg. Centralbl., v. 3, Oct., 279, for *pan-creaticum* (Dist.).  
*papillatus* Daday, 1907, 520, t. h. *Cholossoma brachypoma*; Paraguay.—1907: *Chlorichia*.  
*paronæ* Mont., 1907, 3, t. h. *Crenilabrus pavo*; Genoa.—1907: *Encotyllabe*.  
*parvirenalis* Pelseneer, 1906, 165, t. h. *Natica alderi*; Boulogne.—1906: *Cerc*.  
*pedicellatum* Luehe, 1900u, 487, for *pedicellatum* (Dist.).

- pellucida* Jægers. 1907, 134, t. h. *Anas boschas fera*, *Fuligula fuligula*; West Coast of Sweden.—1907: *Levinseutella*.
- petrymyzi fluvialilis* Dies., 1858e, 316, for *peteromyzi fluvialilis* (Diplost.).
- philippincensis* Stiles & Goldberger, 1908, 23, t. h. *Bos* sp.; Manila, P. I.—1908: *Homalogaster*.
- pirum* Lebour, 1907, 439, t. h. *Paludestrina stagnalls*; Northumberland Coast.—1907: *Cerc*.
- polymastus* Schneidemuehl, 1896, 303, for *polymastos* (*Gastrodiskus*).
- preistis* Mola, 1907, 39, for *pristis* (Dist.).
- propinqua* Jægers., 1907, 135, t. h. *Charadrius hiaticula*, *Hæmatopus ostralegus*; West Coast of Sweden.—1907: *Levinseutella*.
- pumex* Looss, 1907, 615, t. h. *Caranx trachurus*.—1907: *Pristisomum*.  
[*pupula* Bory St.-Vincent, 1825b, 252.—1825: *Histrionella*.]
- pussillum* Harz, 1881c, 3, for *pusillum* (Dist.).
- putorii* Schrank,? or Gmelin, 1790. [See supra, p. 66.] Add: 1898: *Echinost.*
- quadrangulatum* Daday, 1907, 470, t. h. *Salmo pacu*; Cuyaba.—1907: *Dist*.
- ragazzii* Janicki, 1907, 719, for *ragazzii* (*Synceillum*).
- rajazzii* Arlola, 1890, 135, for *ragazzii* (Dist.).
- ranerium* Nardo, 1833a, 523, for *raynerianum* (Dist.).
- rathousii* Mont., 1893, 33, for *rathouisi* (Dist.).
- ropaloides* Olss., 1867a, 19, 48, for *ropaloides* (*Amphist.*).
- rugosa* Dies., 1850a, 408, t. h. *Antilope pyarga*; Port Natal.—1850: *Gyrocotyle*, type.
- rugosus* Looss, 1907, 591, t. h. *Clupea pilchardus*, *C. sardina*, *Rhombus maximus*; Trieste.—1907: *Hemirurus*.
- sanguicola* delle Chiaje, 1825a, 15.—1825: *Hexathyridium*.
- sciænæ* Fraip., 1880c, 442, for *sciænæ* (*Epibdella*).
- scleroporium* Rud. of Brand., 1891d, 19, for *Crep.*?—1891: *Amphist*.
- semifuscum* Looss, 1907, 607, t. h. *Circetus* [= *Circætus*?] *gallicus*; Genoa.—1907: *Platynosum*, type.
- seminis* Owen, 1835l, 394.—1835: *Cerc*.
- serrata* Bory St.-Vincent, 1825a, 84, t. h. "infusion de foie."—1825: *Furcocerca*.
- siluris glanidis* Hofer, 1904a, 169, for *siluri glanidis* (*Dactylogyrus*).
- simile* Jægers., 1900. [See supra, p. 72.] Add: 1906: *Dist*.
- simplicissima* Morgan, 1904, 385.—1904: *Plan*.
- sincensis* Cobbold, 1875. [See supra, p. 72.] Add: 1898: *Campula*.
- stellatus* Looss, 1907, 165, t. h. *Belone acus*, *Dentex vulgaris*, *Mæna vulgaris*; Trieste.—1907: *Lecithaster*.
- stossichi* Looss, 1907, 69, for *stossichii* Mont.—1907: *Aphanurus* (type).
- subtenue* Lint., 1907, 106, t. h. *Calamus calamus*, *Harpe rufa*, *Iridio bivittatus*, *Lachnolaimus maximus*; Bermuda.—1907: *Dist*.
- syndosmya* Pelseneer, 1906, 172, t. h. *Syndosmya alba*; Boulogne-sur-Mer.—1906: *Cerc*.
- tenuicollis* Rud., 1819. [See supra, p. 77.] Add: 1898: *Campula*.
- tonex* Lint., 1907, 112, t. h. *Epinephelus striatus*; Bermuda.—1907: *Dist*.
- tornatum* Rud., 1819. [See supra, p. 78.] Add: 1907: *Dinurus* (type).
- triangula* Linst., 1878, 72, for *triangulare* (Dist.).
- trilobata* Bory St.-Vincent, 1825a, 84, t. h. "infusions d'écorce de chêne."—1825: *Furcocerca*.
- trimcllaris* Bosc, 1802a, v. 1, 262.—1802: *Plan*.
- trulla* Lint., 1907, 109, t. h. *Ocyurus chrysurus*; Bermuda.—1907: *Dist*.
- ubiquita* Lebour, 1907, 439, t. h. *Littorina obtusata*, *L. rudis*, *Paludestrina stagnalls*; Northumberland Coast.—1907: *Cerc*.
- urna* Grube & Wagener, 1852, 543, t. h. *Chimæra monstrosa*.—1852: *Amphiptyches* (type).—1896: *Gyrocotyle*. [Now in the *Cestodaria*.]
- vallei* Mont., 1907, 3, t. h. *Chrysophrys aurata*; Trieste.—1907: *Encotyllabe*.

- vaullegeardi* Pelseneer, 1906, 175, t. h. *Trochus cinerarius*; Wimereux.—1906: Cerc.
- virgula* Looss, 1907, 111, t. h. *Cepola rubescens*, *Engraulis encrasicolus*; Triest.—1907: *Aphanurus*.
- volgensis* Linst., 1907, 201, t. h. *Lucioperca sandra*; Wolga.—1907: *Ptychogoni-mus*.
- watsoni* Conyngham, 1904. [See supra, p. 83.] Add: 1907: *Gastrodiscus*.
- westermanni* Rail., 1898, 173, for *westermanii* Kerbert, 1878. [See supra, p. 83.] Add: 1898: *Clinost*.

## ADDITIONAL GENERIC AND SPECIFIC BIBLIOGRAPHY.

ACANTHOCOTYLE. [See above, p. 85.]

*branchialis* Willem, 1906, 599-607, figs. 1-10 (in Raie bouclée; Belgium).

AGAMODISTOMUM. [See above, p. 87.]

*nanus* Stiles & Goldberger, 1908, 30-33, figs. 45-64 (in *Francolinus subtorquatus*; Benguela, West Africa).

AMPHIPTYCHES Grube & Wagener, 1852, 543 (m. urna).

*urna* Grube & Wagener, 1852, 543-554 (in *Chimæra monstrosa*).

AMPHISTOMA. [See above, p. 89.]

*bovium* Nakahama, (1883b).—Teste Surg.-Gen. Cat.

*dorsale* Freund, 1907, 718, for chordale.

*megalocotyle* Walter, 1893, 19, 24, for megacotyle.

*ropaloïdes* Olss., 1867a, 19, 48, for ropaloides.

APHANURUS Looss, 1907, May 14, 591 (tod. stossichi), Hemituriæ, Hemituriidæ; 1907, 69, 74, 78, 98, 107-109, 160.

*stossichi* (Mont., 1891) Looss, 1907, 591 (in Box boops, *Caranx trachurus*, *Clupea pilchardus* (t. h.), *C. sardina*, *Lichia amia*, *Mæna vulgaris*; Naples, Triest, t. l.); 1907, 69, 107, 109-111, 159, pl. 8, figs. 7, 8 (in *Clupea aurita*).

*virgula* Looss, 1907, May 14, 592 (in *Cepola rubescens*, *Engraulis encrasicolus*; Triest); 1907, 111, 159, pl. 9, figs. 15, 16.

APONURUS Looss, 1907, May 14, 607-608 (tod. laguncula), Lecithasterinæ, Hemituriidæ; 1907, 69, 74, 78, 99, 101, 111, 166-168.

*laguncula* Looss, 1907, May 14, 608 (in *Belone acus*, *Lichia amia*, *Engraulis encrasicolus*, *Mullus barbatus*, *Cadus euxinus*, *Merluccius esculentus*, *Trachinus draco*; Triest); 1907, 69, 110, 167, 169, pl. 13, figs. 53, 54, pl. 15, figs. 77, 78 (in *Mæna vulgaris*; Triest).

ASPIDOGASTER. [See above, p. 103.]

*conchicala* Nord., 1833b, 281, for conchicola.

BRACHILAIMUS Neumann, 1897f, 674, misprint for *Brachylaimus*. [See above, p. 116.]

BRACHYPHALLUS. [See above, p. 116.]

*affinis* Looss, 1907, 158-159, *B. crenatus* Rud. of Lander, 1904, renamed (in *Anguilla chrysypa*, *Osmerus mordax*; U. S. A.).

CALLYCOTYLE Mont., 1892a, 213, for Calicotyle. [See above, p. 119.]

CAMPULA. [See above, p. 120.]

*albida* (Braun, 1893) Rail., 1898, 172 (in cat and dog).

*buski* (Lankester, 1857) Rail., 1898, 172.

*complexa* (Stiles & Hass., 1894) Rail., 1898, 172 (in cat).

*conjuncta* (Cobbold, 1860) Rail., 1898, 172 (in Canidés).

*conjuncta* (of McConnell, 1875) Rail., 1898, 172 (in man).

*conus* (Crep., 1825) Rail., 1898, 172 (syn. *Amphist. truncatum*).—Reported for *Phoca groenlandica*, *P. vitulina*.

*sinensis* (Cobbold, 1875) Rail., 1898, 172.

*tenuicollis* (Rud., 1819) Rail., 1898, 172 (syns. *D. felineum*, *D. tenuicolle*) (in cat and dog, *Phoca*).

(CEPHALOGONIMUS). [See above, p. 121.]

*species* Staff., 1902, 481.



**CERCAREA** Cobbold, 1873c, 14, for *Cercaria*. [See p. 121.]

**CERCARIA**. [See above, p. 121.]

*appendiculata* Pelseener, 1906, 167, 174–175, 179, pl. 12, figs. 46–52 (in *Natica alderi*; Boulogne-sur-Mer).

*brevicauda* Pelseener, 1906, 167, 179, 184, pl. 9, figs. 10, 11 (in *Littorina rudis*; Wimereux).

*crispata* Pelseener, 1906, 171–172, 179, pl. 11, figs. 39–40 (in *Natica alderi*; Boulogne).

*dentalii* Pelseener, 1906, 170, 171, 181, pl. 11, figs. 34, 35 (in *Dentallium tarentinum*).

*emasculans* Pelseener, 1906, 166, 179, pl. 9, fig. 12 (in *Littorina rudis*; Wimereux).

*giardi* Pelseener, 1906, 170–171, pl. 11, figs. 36–38 (in *Buccinum undatum*; Boulogne).

*myocerca* Lebour, 1906, 7, for *myocerca* (in *Scrobicularia tenuis*).

*minor* Ben., 1858, 98, see *armata minor*.

*myocercoides* Pelseener, 1906, 162–163, 179, pl. 8, figs. 1–2 (in *Syndosmya alba*; Boulogne-sur-Mer).

*negrotincta* Pelseener, 1906, 166, 179, pl. 9, fig. 9 (in *Syndosmya alba*; Boulogne-sur-Mer).

*obtusicauda* Pelseener, 1906, 182, ?for *obtusicaudata*.

*obtusicaudata* Pelseener, 1906, 167–168, 179, pl. 9, figs. 16–19, pl. 12, fig. 44 (in *Natica alderi*; Boulogne).

*oocysta* Lebour, 1907, 439, 440, 445–446, pl. 10, figs. E, F, G, (in *Paludetrina stagnalis*; Northumberland Coast).—Nicol, 1907, 269.

*parvirenalis* Pelseener, 1906, 165–166, 179, pl. 8, figs. 7, 8 (in *Natica alderi*; Boulogne).

*pirum* Lebour, 1907, 439, 440, 446–447, pl. 9, figs. F, G, (in *Paludetrina stagnalis*; Northumberland Coast).—Nicol, 1907, 269.

*seminis* Owen, 1835l, 394.

species Lebour, 1906, 7 (in *Donex vittatus*, *Tellina tenuis*; Alnmouth Land).

species Lint., 1905d, 333, 401 (in *Monacanthus hispidus*; Beaufort, N. C.).

*syndosmya* Pelseener, 1906, 172–173, 179, 185, pls. 10, 11, figs. 20, 21, 23 (in *Syndosmya alba*; Boulogne-sur-Mer).—Glard, 1907, 419 (in *Syndosmya alba*).

*ubiquita* Lebour, 1907, 439, 440, 444–445, pl. 9, figs. D, E, (in *Littorina obtusata*, *L. rudis*, *Paludetrina stagnalis*; Northumberland Coast).

*vaullegrardi* Pelseener, 1906, 175–176, 179, 180, pl. 11, figs. 41–43, 45 (in *Trochus cinerarius*; Wimereux).

**CHELONELLA** Ben. & Hesse, 1863, 80.—Mont., 1907, 6, syn. of *Encotyllabe*.

**CHIORCHIS**. [See above, p. 135.]

*lunatus* (Dies., 1836) Daday, 1907, 472.

*papillatus* Daday, 1907, 520–525, 534, 535, 536, 537, 538, 541, 542, 543, 545, 546, 547, 548, 550, 551, 552, 554, 555, 556, 557, 558, 561, 562, 564, 566, 567, 568, 570, 571, 572, 579, 581, 582, pl. 26, figs. 16, 17, 21, 24, 25, pl. 27, figs. 3, 4 (t. h. *Colossoma brachypoma*; Paraguay; also in *Doras murica*, *Salmo pacu*).

**CLINOSTOMUM**. [See above, p. 137.]

*commutatum* (Dies., 1850) Rail., 1898, 173 (in pigeonneaux, poulets).

*heterophyes* (Sieb., 1853) Rail., 1898, 173 (in chien, homme).

*westermanni* (Kerbert, 1871) Rail., 1898, 173 (in chat, chien, homme).

**DACTYLOCOTYLE**. [See above, p. 144.]

species Lint., 1905d, 333, 352, pl. 20, fig 151 (in *Brevoortia tyrannus*; Beaufort, N. C.).

**DACTYLOGYRUS**. [See above, p. 145.]

*siluris glanidis* Hofer, 1904a, 169, for *siluri glanidis*.

species Olss., 1883a, 53 (in *Coregonus lavaretus*).

- DIACROCCELIUM** Neumann, 1897f, 673, misprint for *Dicrocœllum*.
- DINURINÆ** Looss, 1907, May 14, 592-593 (subf. of *Hemiluridæ*, contains: *Dinurus*, *Ectenurus*); 1907, 69, 99, 111-112, 125.
- DINURUS** Looss, 1907, May 14, 593 (tod. *tornatus*) [nec *Dinoura* Ashmead]; *Dinurinae*, *Hemiluridæ*; 1907, 69, 99, 112-117, 123, 131
- barbatus* (Cohn, 1902) Looss, 1907, 594-596 (in *Coryphæna equisetis*, *C. hippurus*, *Pelamys sarda*); 1907, 118, 121, pl. 8, fig. 11, pl. 9, figs. 19, 20, 21.
- breviductus* Looss, 1907, May 14, 596 (t. h. *Pelamys sarda*; Atlantic Ocean; also in *Coryphæna hippurus*, at Beaufort, N. C.); 1907, 118-119, 120, 121, 122, pl. 8, fig. 12, pl. 10, figs. 22, 23.
- longisinus* Looss, 1907, May 14, 596 (in *Coryphæna hippurus*; Red Sea, near Aden); 1907, 86, 119-123, pl. 8, fig. 13, pl. 10, figs. 24, 25.
- tornatus* (Rud., 1819) Looss, 1907, 593-594 (in *Coryphæna equisetis*, *C. hippurus*, (t. h.) *Pelamys sarda*; Beaufort, N. C., Atlantic Ocean); 1907, 69, 112, 117, 120, 121, 122, pl. 8, figs. 9, 10; pl. 9, figs. 17, 18.
- DIPLODISCUS**. [See above, p. 155.]
- cornu* (Dies., 1839) Daday, 1907, 478-481, 527, 530, 533, 545, 546, 547, 549, 550, 551, 552, 554, 565, 568, 576, 581, pl. 24, figs. 11-15 (in *Cataphractus vaca* [= *Doras*] *vaca*; Rio Branco).
- marenzelleri* Daday, 1907, 473-478, 481, 527-530, 531, 532, 533, 546, 547, 548, 549, 550, 551, 552, 554, 564, 565, 568, 572, 576, 581, pl. 24, figs. 4-10 (in *Salmo* sp.; loc. South America, same as *Amphist. oxycephalum*).
- DIPLOSTOMIASIS** Hofer, 1904a, 138ff, refers to infection with *Diplostomum*.
- DIPLOSTOMUM**. [See above, p. 156.]
- annuligerum* (Nordm., 1832) Hofer, 1904a, 295, 296, fig. 189 (in *Perca fluviatilis*).
- peteromyzi fluviatilis* Dies., 1858e, 316, for *peteromyzi* fluv.
- DISTOMA**. [See above, p. 159.]
- detencourti* Mont., 1892b, 127, pl. 8, fig. 12.
- burki* Rathelot, 1892a, 14 for *buskii*.
- cignoides* Desmonceaux, 1868a, 21, for *cygnoides*.
- cylindraceum* Daday, 1907, 560, for *cylindraceum*.
- fencestratum* Lint., 1907, 111-112, pl. 12, figs. 86-91 (in *Lycodontis moringa*; Bermuda); includes *Dist. sp.* Lint., 1904, 373, figs. 213-214.
- folium* Olfers, 1816. [See supra, p. 190.]—Zschokke, 1884, 11, 50-52, pl. 2, fig. 11 (in *Cottus gobio*, *Salmo umbla*, *Thymallus vulgaris*, *Trutta variabilis*); 1896, 773, 774, 776, 780, 783, 820 (in *Trutta fario*, *Cottus gobio*).
- gyrinus* Lint., 1907, 107-108, pl. 10, figs. 72-74 (in *Lactophrys tricornis*, *L. trigonus*; Bermuda).
- hæmatodium* Dewitz, 1892b, 106, for *hæmatobium*.
- hæmatobium* Rathelot, 1892a, 14, 15, for *hæmatobium*.
- lamelliforme* Lint., 1907, 108-109 (in *Balistes carolinensis*, *Lactophrys tricornis*, *L. trigonus*; Bermuda).
- levnenseni* Lint., 1907, 110, pl. 12, figs. 80-83 (in *Epinephelus maculosis*, *E. striatus*; Bermuda).
- muehlingi* Nicoll, 1907, 257, 259, for *mühlingi*.
- noverca* (Braun, 1902) Verdun, 1907, 274.
- ophthalmobium* Rathelot, 1892a, 14, for *ophthalmobium*.
- pankreatikum* Katsurada & Saito, Hyg. Centralbl., v. 3, Oct., 279, for *pancreaticum*.
- preistis* Mola, 1907, 39, for *pristis*.
- quadrangulatum* Daday, 1907, 470-472, pl. 24, figs. 1-3 (in *Salmo pacu*=*Mycetes bidens*; Cuyaba).
- rajazzii* Ariola, 1899, 135 to (*Polyorchis*), for *ragazzii*.
- ranerium* Nardo, 1833a, 523, for *raynerlanum*.
- similis* (Jægers., 1900) Lebour, 1906, 6.

## DISTOMA—Continued.

- species Hausmann, 1899a, 448, 450 (in *Gallus dom.*).
- species Hausmann, 1899a, 449 (in *Corvus frugilegus*).
- species Schröder, Hofer, 1904a, 285 (in *Esox lucius*).
- species Lebour, 1905, 1-3, figs. A, C (in *Cardium edule*).
- species Lebour, 1907, 102-104, pl. 7 (in *Cardium edule*; England).
- species Lebour, 1907, 105-106, pl. 8, figs. C-D (in *Patella vulgata*).
- species Lebour, 1907, 104-105, pl. 8, figs. A, B (in *Purpura lapillus*; England).
- species Lint., 1905d, 335, 389, pl. 23, figs. 168, 169, 170 (in *Bairdiella chrysura*; Beaufort, N. C.).
- species Lint., 1905d, 335, 403, pl. 29, fig. 208 (in *Chilomycterus schœpfi*; Beaufort, N. C.).
- species Lint., 1905d, 335, 374 (in *Coryphæna equisetis*; Beaufort, N. C.).
- species Lint., 1905d, 335, 373, pl. 30, figs. 213, 214 (in *Coryphæna hippurus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 385 (in *Cynoscion regalis*; Beaufort, N. C.).
- species Lint., 1905d, 335, 350, pl. 29, fig. 209 (in *Galeichthys milberti*; Beaufort, N. C.).
- species Lint., 1905d, 335, 382, pl. 24, fig. 179 (in *Lagodon rhomboides*; Beaufort, N. C.).
- species Lint., 1905d, 335, 393 (in *Leiostomus xanthurus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 415 (in *Lophopsetta maculata*; Beaufort, N. C.).
- species Lint., 1905d, 335, 360 (in *Menidia menidia*; Beaufort, N. C.).
- species Lint., 1905d, 335, 397 (in *Micropogon undulatus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 410, pl. 22, fig. 167, pl. 29, fig. 205, pl. 30, fig. 215 (in *Opsanus tau*; Beaufort, N. C.).
- species Lint., 1905d, 335, 413, 414 (in *Paralichthys albiguttus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 404, pl. 21, fig. 157 (in *Prionotus scitulus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 349, pl. 30, fig. 210 (in *Pteroplatea maculura*; Beaufort, N. C.).
- species Lint., 1905d, 335, 372, pl. 23, figs. 171, 172 (in *Rachycentron canadus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 364, pl. 29, figs. 206, 207 (in *Seriola lalandi*; Beaufort, N. C.).
- species Lint., 1905d, 335, 359 (in *Siphostoma fuscum*; Beaufort, N. C.).
- species Lint., 1905d, 335, 402, pl. 22, fig. 165 (in *Spheroides maculatus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 361, pl. 30, fig. 211 (in *Sphyræna borealis*; Beaufort, N. C.).
- species Lint., 1905d, 335, 353, pl. 22, fig. 166 (in *Stolephorus brownii*; Beaufort, N. C.).
- species Lint., 1905d, 335, 416, pl. 22, figs. 161, 162, 163, 164, pl. 30, fig. 212 (in *Symphurus plagiatus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 366, pl. 29, fig. 204 (in *Trachinotus carolinus*; Beaufort, N. C.).
- species Lint., 1907, 114, pl. 7, fig. 57 (in *Angelichthys ciliaris*; Bermuda).
- species Lint., 1907, 117, pl. 12, fig. 84 (in *Ballistes carolinensis*; Bermuda).
- species Lint., 1907, 116, pl. 10, fig. 70 (in *Bodianus fulvus punctatus*; Bermuda).
- species Lint., 1907, 115-116, pl. 10, fig. 69 (in *Chaetodon* sp.; Bermuda).
- species Lint., 1907, 117, pl. 13, fig. 85 (in *Paranthias furcifer*; Bermuda).
- species Lint., 1907, 118 (in *Salarichthys textilis*; Bermuda).
- species Lint., 1907, 114, pl. 8, figs. 59-60 to (*Lecithocladium*) (in *Seriola dumerilii*; Bermuda).

## DISTOMA—Continued.

- species Lint., 1907, 113, pl. 7, figs. 55–56 (in *Seriola fasciata*; Bermuda).  
 species Lint., 1907, 116, pl. 10, fig. 70 (in *Sphryæna sphryæna*; Bermuda).  
 species Lint., 1907, 118 (in *Teuthis cœruleus*; Bermuda).  
 species Lint., 1907, 114–115, pl. 8, fig. 61 (in *Teuthis hepatus*; Bermuda).  
 species Lint., 1907, 115, pl. 8, fig. 62 (in *Tylosurus acus*; Bermuda).  
 species Olss., 1876a, 148 (in gall bladder of *Larus argentatus*).  
*subtenuis* Lint., 1907, 106, pl. 9, fig. 65 (in *Calamus calamus*, Harpe rufa, *Iridio bivittatus*, *Lachnolaimus maximus*; Bermuda).  
*tomæ* Lint., 1907, 112–113, pl. 14, figs. 94–96 (in *Epinephelus striatus*; Bermuda).  
*trulla* Lint., 1907, 109, pl. 9, fig. 79 (in *Ocyurus chrysurus*; Bermuda).

DUCROCCELUM Neumann, 1897f, 659, misprint for *Dicrocellum*.

ECHINOSTOMUM. [See above, p. 246.]

- gazzetta* Arch. f. Naturg., 1901, v. 2 (8), 188, for *garzetta*.  
*putorii* (Schrank? or Gmelin, 1790) Rail., 1898, 172 (syn. *Fasc. trigonocephala*) (in dog).  
 species Hausmann, 1890a, 448, 449, 452 (in *Corvus frugilegus*).  
 species Wolffhuegel, 1900, 35.

ECTENURUS Looss, 1907, May 14, 596–597 (tod. lepidus); Dinurinae, Hemulridae; 1907, 69, 90, 123–124, 131, 153, 167.

- lepidus* Looss, 1907, 597 (t. h. *Lichia amia*; also in *Atherina hepsetus*, *Caranx trachurus*, *Cepola rubescens*, *Lophius piscatorius*, *Mæna vulgaris*, *Scomber colias*, *Smaris alcedo*, *Trachipteron tania*); 1907, 69, 123, 124, pl. 10, figs. 26, 27, pl. 13, fig. 46.

ENCOTYLLABE. [See above, p. 251.]

- paronæ* Mont., 1907, 3, 4, 6, 7, 9–10, pl. 10, figs. 13–15 (in *Crenilabrus pavo*; Genova), E. sp. of Braun, Par. & Per., St. Remy.  
 species Lint., 1907, 103, pl. 7, figs. 49–53 (in *Calamus calamus*; Bermuda).  
*vallei* Mont., 1907, 3, 4, 6, 7, 10–11, pl. 10, figs. 4–9, 16 (in *Chrysophrys aurata*; Trieste).

FASCIOLA. [See above, p. 254.]

- egyptiaca* Pease, 1901b, 7, for *ægyptiaca*.  
*jacksoni* Cobbold, 1869a, 80, for *jacksonii*.  
*jaksoni* Stazzi, 1900, 3, 4, 5, for *jacksonii*.  
*magna* (Bassi, 1875) Sons., 1889, 275.  
 species Merrem, 1781, 169–172, pl. 1, figs. 3–7 (in mouse) “Sack-Egels.”—Stiles & Stev., 1905a, 10 syn. of *Tænia teniæformis*.—Stiles, 1906a, 43, syn. of *Cysticercus fasciolaris*.

GASTEROSTOMUM. [See above, p. 270.]

- baculatum* Lint., 1907, 119, ?for *baculum*.  
*gracilius* Pelseneer, 1906, 176, for *gracilescens*.  
 species Braun, 1893a, 866 (in *Belone vulgaris*, *Cardium edule*, *C. rusticum*, *Ostrea edulis*, Rochen, Hale).  
 species Lint., 1907, 119 (in *Mycteroperca apua*; Bermuda).  
 species Lint., 1905d, 335, 379 (in *Orthopristis chrysopterus*; Beaufort, N. C.).  
 species Lint., 1905d, 335, 364 (in *Seriola lalandi*; Beaufort, N. C.).  
 species Olss., 1869b, 498.  
 species Tennent, 1906, 640 (in *Scomberomorus maculatus*).  
 species Tennent, 1906, 640, 679, 682 (in *Tylosurus marinus*).  
 species Ziegler, 1883, 539 (in *Cyclopterus lumpus*).

GASTRODISCUS. [See above, p. 273.]

- watsoni* (Conyngham, 1904) Verdun, 1907, 285, fig. 110.

GASTROSTOMUM Otto, 1896a, 122, for *Gasterostomum*.

## GYMNOPHALLUS. [See above, p. 276.]

*dipatilis* Nicoll, 1907, 247, 263-265 (in *Oldemia fusca*, *O. nigra*; Great Britain).

*margaritarium* (Dubois, 1901) Dubois, 1907, 502-504 (in *Mytilus edulis*, *M. gallo-provincialis*).—Giard, 1907, 419.

## GYRODACTYLIASIS Hofer, 1904a, 134ff, name of infection.

## HEMIURUS. [See above, p. 282.]

*rugosus* Looss, 1907, May 14, 591 (in *Clupea pilchardus*, *C. sardina*, *Rhombus maximus*; Trieste): 1907, 105-106, 159, pl. 7, figs. 4, 5 (syn. *H. stossichi* Luehe, not *Apoblema* st. Mont., 1891).

## HEXATHYRIDIDIUM. [See above, p. 286.]

*sanguicola* delle Chlajze, 1825a, 15 (syn. of *Polyst. venarum*).

## HOLOSTOMUM. [See above, p. 289.]

*cuculus* Thoss, 1897, 1-66, pls. 1-2 (in *Bursa* fab. of *Larus ridibundus*; Kiel).—Kopczynski, 1907, 642.

HOLOSTONUM Thoss, 1897, 12, for *Holostomum*.

## HOMOLOGASTER. [See above, p. 294.]

*philippinensis* Stiles & Goldberger, 1908, 25-30, figs. 29-44 (in *Bos* sp.; Manila, P. I., Phrapatoom, Siam).

## ITYOGONIMUS. [See above, p. 294.]

*flum* Looss, 1907, 606-607, figs. 2a-b (in *Talpa europæa*; Leipzig).

## LECITHASTER. [See above, p. 295.]

*galcatus* Looss, 1907, May 14, 607 (in *Mugil auratus*; Egyptian Coast): 1907, 165-166, pl. 15, figs. 73, 74.

*stellatus* Looss, 1907, May 14, 606-607 (in *Belone acus*, *Mæna vulgaris*; Trieste): 1907, 165, pl. 14, fig. 66, pl. 15, figs. 75, 76 (in *B. a.*, *Dentex vulg.*, *M. v.*).

## LECITHOCHIRIUM. [See above, p. 295.]

*gravidum* Looss, 1907, May 14, 603 (t. h. *Anguilla vulgaris*; also in *Gobius capito*, *Platessa passer*, *Rhombus maximus*; Trieste): 1907, 142, 148-149, pl. 14, figs. 60, 61, 63 (in *A. v.*, *Conger conger*, *Corvina nigra*, *G. c.*, *Hippocampus guttulatus*, *Labrax lupus*, *P. p.*, *R. m.*, *Syngnathus acus*; Trieste).

## LECITHOCLADIUM. [See above, p. 296.]

*crenatum* (Mol., 1859) Looss, 1907, 599 (in *Centrolophus pomplilus*), perhaps n. sp.; 1907, 134-135, 169 (in *C. p.*; Trieste).

*cristatum* (Rud., 1819) Looss, 1907, 598-599 (in *Dactylopterus volitans*; Naples; *Stromateus fiatola*; Rimini, Trieste, Naples): 1907, 133-134, 135, 169, pl. 11, figs. 30, 31, pl. 13, figs. 44, 45 (in *S. f.*; Trieste).

*gulosum* (Lint., 1901) Looss, 1907, 135 (in *Rhombus* (*Stromateus*, *triacanthus*; Woods Hole, U. S. A.).

## LEVINSENIELLA. [See above, p. 299.]

*macrophallos* (Lint., 1875) Jægers., 1907, 148.

*opaca* (Ward, 1894) Jægers., 1907, 148.

*pellucida* Jægers., 1907, 134, 136, 141-144, 147-148, 150, 151, figs. 6, 7 (in *Anas boschas fera*, *Fuligula fuligula*; West Coast of Sweden).

*propinqua* Jægers., 1907, 135-139, 140, 141, 142, 143, 144, 147-148, 150, figs. 1, 2, 3, 4, 5 (in *Charadrius hiaticula*, *Haematopus ostralegus*; West Coast of Sweden).

MARITREMA Nicoll, 1907, 246, 265-266 (tod. *gratiosum*).

*gratiosum* Nicoll, 1907, 247, 248, 265, 266-267, 268, 269 (in *Ægialitis hiaticula*, *Haematopus ostralegus*, *Larus ridibundus*, (t. h.) *Pellidna* (*Tringa*) *alpina*; Great Britain).

*humile* Nicoll, 1907, 247, 266, 268-269 (in *Totanus calidris*; Great Britain).

*lepidum* Nicoll, 1907, 247, 266, 267-268 (in *Larus argentatus*; Great Britain).

## MESOGONIMUS. [See above, p. 302.]

*columba* (Mazzanti, 1889) Mazzanti, 1890, 139.

## MICROCOTYLE. [See above, p. 304.]

species Lint., 1905d, 335, 385 (in *Cynoscion regalis*; Beaufort, N. C.).

species Lint., 1905d, 335, 370, pl. 20, figs. 147-150 (in *Pomatomus saltatrix*; Beaufort, N. C.).

species Lint., 1907, 103-104 (in *Calamus calamus*, *Diplodus sargus*; Bermuda).

## MICRORCHIS Daday, 1907, 481-482, 495, 526, 527, 528, 529, 530, 531, 533, 534, 535, 536, 538, 539, 540, 542, 545, 550, 552, 566, 567, 579, 580, 581 (type by present designation, on page precedence, megacotyle).

*ferrum-equinum* (Dies., 1836) Daday, 1907, 484, 485, 487, 488-494, 528, 530, 532, 533, 535, 537, 538, 539, 540, 547, 549, 553, 554, 556, 559, 561, 565, 576, 578, 581, pl. 24, figs. 27-29; pl. 25, figs. 1-6 (syn. *Amphist. ferrum-equinum*) (in *Cataphractus corome*, *C. murica*).

*megacotyle* (Dies., 1836) Daday, 1907, 482-488, 494, 527, 530, 532, 537, 546, 547, 549, 554, 561, 563, 565, 576, 578, 581, pl. 24, figs. 16-26 (syn. *Amphist. megacotyle*) (in *Silurus palmito*; Mattogrosso).

## MONOSTOMUM. [See above, p. 308.]

*lophocerca* (Fill., 1857) Lebour, 1907, 439, 440, 443-444 (in *Bythinia tentaculata*, *Paludestrina stagnalis*; England).

species Lint., 1907, 118-119, pl. 14, figs. 92-93 (in *Bathystoma striatum*, *Hæmulon flavolineatum*; Bermuda).

species Nicoll, 1907, 247 (in *Larus argentatus*).

species Nicoll, 1907, 247 (in *Oldemia fusca*).

## NITYCHIA Nord, 1833b, 384, for Nitzschia.

## NITYSCHIA Nord., 1833b, 376, for Nitzschia.

## OCTOBOTHRIUM. [See above, p. 324.]

*melangi* Lebour, 1907, 442, for merlangi.

species Olss., 1876a, 148 (in *Thymallus vulgaris*).

## OPHECONA Looss, 1907, May 14, 616 (tod. bacillare).—Poche, 1907, Aug. 20, 103.

*bacillare* (Mol., 1859) Looss, 1907, May 14, 616.

## PACHYTREMA Looss, 1907, 610 (tod. calculus).

*calculus* Looss, 1907, 610-613, figs. 3-4, *Opisthorchiden* (in *Larus argentatus*, *L. ridibundus*; Trieste).

## PARAGOMINUS Daniels &amp; Stanton, 1907, 343, for Paragonimus.

## PARAGONIMUS. [See above, p. 335.]

*heterophyes* (Sleb., 1853) Neveu-Lemaire, 1904a, 73, 88, 89.

## PARAPHISTOMUM Daniels &amp; Stanton, 1907, 342, for Paramphistomum.

## PARORCHIS. [See above, p. 337.]

*acanthus* (Nicoll, 1906) Nicoll, 1907, 247 (in *Larus argentatus*, *L. canus*).

## PHYLLINE. [See above, p. 338.]

*endorfi* Par. & Per., 1895, 2, for hendorfii.

## PHYLLODISTOMUM. [See above, p. 339.]

*angulatum* Linst., 1907, [2] 202, 1 fig. (in *Lucioperca sandra*; Wolga).

## PLACOTREMA Looss, 1907, May 14, 615 (tod. inversum).

*inversum* Looss, 1907, May 14, 615 (in *Chrysophrys aurata*; Trieste).

## PLATYNOSUM Looss, 1907, 607 (tod. semifusum).

*semifusum* Looss, 1907, 607-608, fig. 3 (in *Circetus* [= *Circætus*?] *gallicus*; Genoa).

## PLERURUS Looss, 1907, May 14, 604-605 (tod. digitatus), Sterrhurine, Hemiluridae; 1907, 69, 78, 100, 152-153, 154.

*digitatus* (Looss, 1899) Looss, 1907, 605 (in *Sphryæna vulgaris*; Red Sea, Sawakin); 1907, 69, 152, 153-154, pl. 15, figs. 68, 69.

## POLYSTOMA. [See above, p. 350.]

*paguri* Nord., 1833b, 379, see Bull. Soc. Philom., 1811, no. 44, 271, t. 2.

## POLYSTOMIDÆS Mont., 1888a, 89, for Polystomidæ.

**PRISTISOMUM** Looss, 1907, May 14, 615 (tod. *pumex*).

*caducum* Looss, 1907, May 14, 615 (in *Umbrina cirrhosa*; loc. not given).—  
Poche, 1907, Aug. 20, 103.

*pumex* Looss, 1907, May 14, 615 (in *Caranx trachurus*; loc. not given).

**PSEUDOCYLADORCHIS** Daday, 1907, 481 494–495, 526, 527, 528, 529, 530, 532, 533, 534, 536, 537, 541, 547, 549, 550, 552, 553, 554, 561, 565, 566, 567, 576, 580, 581 (type by present designation, on page precedence, *cylindricus*).

*cylindricus* (Dies., 1836) Daday, 1907, 495–501, 502, 503, 504, 506, 512, 530, 535, 538, 546, 554, 566, 579, pl. 25, figs. 7–16 (in *Cataphracta murica*, *Salmo pacupeba*, S. sp., *Silurus megacephalus*; Villa Maria, Brazil).

*macrostomus* Daday, 1907, 506–509, 530, 531, 535, 538, 546, 554, 566, pl. 26, figs. 8–12 (in *Salmo pacupa*, S. sp.; loc. South America, same as *Amphist. oxycephalum*).

*nephrodorchis* Daday, 1907, 501–506, 508, 509, 530, 535, 538, 546, 554, 566, pl. 25, figs. 17–22; pl. 26, figs. 1–7 (in *Salmo pacu*, S. *pacupa*, S. sp.; loc. South America, same as *Amphist. oxycephalum*).

**PTYCHOGONIMUS**. [See above, p. 357.]

*volgensis* Linst., 1907, 201 [1] (in *Lucioperca sandra*; Wolga).

**SCHISTOSOMUM**. [See above, p. 359.]

*hamatobium japonicum* (Katsurada, 1904) Verduin, 1907, 290, 311, 313 (syn. of *S. cattol*).

**SCUTARIELLA** Mrazek, 1907, 1–6, 1 pl., figs. 1–6 (m. *dldactyla*).

*didactyla* Mrazek, 1907, 1–6, pl. 1, figs. 1–6 (in *Atyaephyra desmarestii*; Moraca-Flusses, Scutarisee bei Plavnic).

**SPOROCYSTIS**. [See above, p. 362.]

*cotti* Zschokke, 1884, 6, 11, 56–58, pl. 2, fig. 13 (in *Cottus gobio*).

**STERRURHINÆ** Looss, 1907, 99, for *Sterrhuringæ*, see p. 364.

**STROMYLOTREMA** Poche, 1907, Aug. 20, 105, for *Stomylotrema*, see p. 365.

**SYNCÆLIUM**. [See above, p. 366.]

*raggazzii* Janicki, 1907, 719, for *ragazzii*.

**TRISTOMA**. [See above, p. 375.]

*inermis* Goto, 1899a, 273, see *læve* var. *inermis*.

**UDONELLA**. [See above, p. 381.]

*caligarum* Ben., 1858a, 1861a, 12, 13–18, pl. 1, figs. 1–15, for *caligorum*.

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The following *bulletins* [Bulls. Nos. 1-7, 1900 to 1902, Hyg. Lab., U. S. Mar.-Hosp. Serv., Wash.] have been issued:

No. 1.—Preliminary note on the viability of the *Bacillus pestis*. By M. J. Rosenau.

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